

**"safer because
they are sturdier"**

Ascensore/Lift





FUORI SERVIZIO

PROGET NINZ Doors

MULTIPURPOSE VERSION

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Features

PROGET multipurpose doors

THE MULTIPURPOSE DOOR IN A CLASS OF ITS OWN

„Indisputable quality“

- Especially sturdy door for safe functioning over time
- Built to order for all kinds of requests
- Fully galvanized door, including the “hidden” parts
- Made of “Sendzimir” processed hot-galvanized sheet metal
- Corrosion protection also provided along cut edges of the metal sheets
- Painted with epoxy-polyester thermoset powders in a 180 degrees (Celsius) oven
- Substantial paint layer (70 microns plus)
- Optimal corrosion resistance demonstrated by 500 hour salt-fog test
- Unaffected by severe climate changes, demonstrated by 2000 hours with +60° to -10° cycles at 75% humidity
- Finishing with high-quality aesthetics
- Orange skin anti-scratch structured paint
- Customizable with wide selection of RAL colors

CE marking for external use

- Wind resistance and water tightness
- Acoustic and thermal isolation
- Air permeability
- Suitable for use with panic bar

“Practicality of use“

- Truly sturdy frame that facilitates anchoring to the wall
- Suitable for all types of walls
- Ample size range
- Wide variety of accessories
- Easy installation

“Versatility“

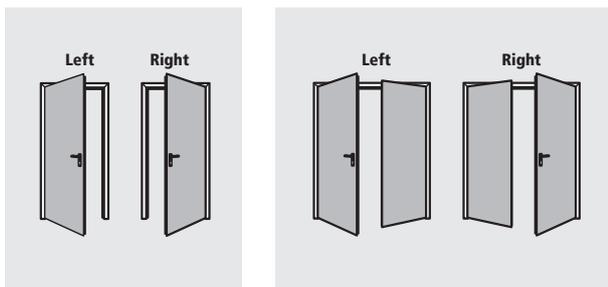
- Very wide field of application
- Can be combined with various frame types
- Installation onto any wall type
- Installation with a block frame possible

“Manufacturing technology“

- Manufacturing in modern and functional facilities which employ the latest technologies to maintain high quality levels and product uniformity
- The entire production process - from raw materials to painted and packaged products - takes place inside Ninz’s own facilities, ensuring a 360 degree door control

Opening direction

Opening direction needs to be indicated while ordering



One-leaved doors



Two-leaved doors

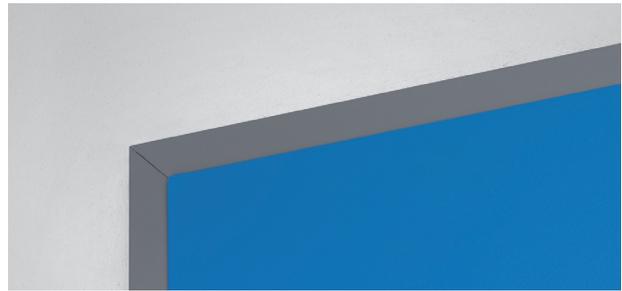
STANDARD ELEMENTS

Door leaf

- Made of "Sendzimir" processed hot-galvanized sheet metal, press folded and electro welded
- Perimetral rebate on 3 sides, flat at the bottom
- Internally reinforced with hot-galvanized steel profiles
- Heat-insulated treated mineral wool packing that is rigidly joined to the sheet metal
- Internal stiffeners for overhead door closer and panic bar

Standard frame

- Sturdy profile with a sizeable cross section
- Made of "Sendzimir" processed hot-galvanized sheet metal
- Equipped with special assembly brackets
- Grooves for rebate sealing
- Standard installation via anchors for mortar fixing
- Upon request installation via expansion or installation screws (delivered without wall anchors)
- Lower spacer, mounting template
- Rests on finished flooring without rebate
- Strike plates in black plastic for lock bolt and safety bolts
- Assembly required for doorframes

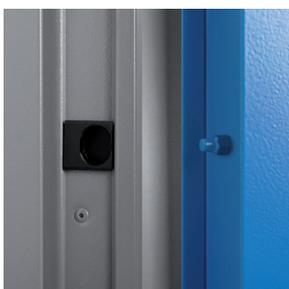


Hinges

- Nr. 2 three-wing hinges for each leaf
- of which one ball-bearing hinge with screws for vertical adjustment of the leaf, $\text{C}\text{€}$ marked as per EN 1935, classified for up to 160 kg load, 200.000 cycles durability, suitable for fire door use
- and one hinge with self-closing spring

Safety bolts

- Nr. 1 sturdy safety bolt applied on hinge side leaf edge



Locking mechanism

- Reversible locking mechanism with bolt and central latch
- Insert with patent key, Euro profile cylinder ready

Handle

- Handle in black plastic with steel core
- Steel installation plate with cylinder hole
- Cover plate in black plastic
- Fastener screws and patent key insert

Features

PROGET multipurpose doors



PROGET multipurpose

INCLUDED ACCESSORIES

Locking mechanism on inactive leaf

- "Flush-bolt" automatic latching of the inactive leaf
- Lever control for unlocking

Upper coupling system for the inactive leaf

- Inactive leaf lock activated device which inserts rod into the upper strike box
- Upper strike box in pierced steel with steel roller

Lower coupling system for the inactive leaf

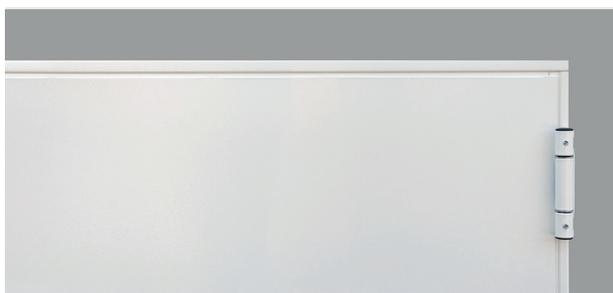
- Vertical rod with steel point which inserts into lower strike box
- Lower floor catch (floor-mounted bushing) made of black plastic with rebate stopper

Identification plate

- Metal tag with door identification data



Standard paint - group 01: RAL 9010



Finishing

- Standard paint with epoxy-polyester thermoset powders in a 180 degrees oven, orange skin, anti-scratch finishing
- Standard paint RAL 9010

Standard packaging

- Single leaf wrapped into stretchable polyethylene (PE) film
- Single packaging for each doorframe with stretchable polyethylene (PE) film
- Palletized on wooden pallets

Door weight	kg/m ² of wall opening
1 leaf	29
2 leaves	26

NOTE

If the door ever needs to be repainted, follow the precise instructions on the "Painting" page.

OPTIONAL ACCESSORIES

A wide variety of accessories and surface finishes are available on request for maximum value enhancement of Proget doors to your own specific needs.

The proper accessories can help resolve:

Safety-related needs

- Doors for panic exits (see panic bars)
- Doors for emergency exits (see emergency exit handles)
- Three-point locking mechanism

Installation and utilization needs

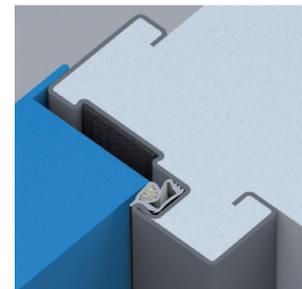
- Special frames
- Frame extensions
- Different kinds of floor mounted catches
- Roofing and drip steel-profile
- Special installation screws
- Kick and protection plates in stainless steel
- Rectangular windows, standard or built to order
- Round windows
- Wide variety of louvers
- One-leaved door with frame on four sides

Access-related control issues

- Electrically-activated lock mechanisms
- Electric handle mechanisms
- Magnetic blocking mechanisms

Performance enhancing

- Sealing
- Cylinders
- Door closers
- Special handles



Customized finishing

- Select finishing from a wide variety of RAL colours
- NDD – Ninz Digital Decor, graphic images applied with special ink jets and protected by a transparent topcoat. Infinite varieties of customizable decorations in harmony with specific door settings
- Stainless steel handles
- Colored handles

Packaging for maximum protection

Sturdy wooden crates protect all doors and related accessories

- For NDD decorated doors
- On construction sites
- During shipping abroad
- For special transport



NOTE

Details about optional accessories may be found in the present brochure in chapters:

- Painting and NDD decorations
- Accessories for metal doors
- Emergency handles and panic bars

MULTIPURPOSE WINDOW WITH METAL WINDOW FRAME

Upon request one- and two-leaved doors may be equipped with round or rectangular windows, with different types of glass and respective window frames fixed with screws. The window frame carters are included for round window and available as an optional accessory for the rectangular one.

Production limits

Window sizes are standard and the minimum border strips around the window may not be reduced.

Borders, window position

"Border measurement" refers to the distance from the edge of the window to the wall opening of the door.

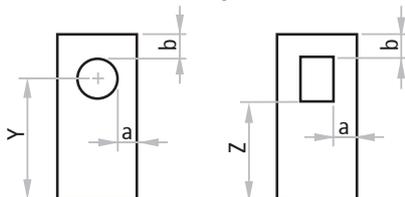
Elevation for round windows

window dimensions	FM H	position
Ø 300	minimum 1950	Y=1600
Ø 300	less than 1950	Y=FM H - 350
Ø 400	minimum 2150	Y=1600
Ø 400	from 1950 to 2149	Y=1550
Ø 400	less than 1950	Y=FM H - 400

Elevation for rectangular windows

window dimensions L x H	FM H	position
250/300/400 x 400	minimum 2150	Z=1450
250/300/400 x 400	from 1950 to 2149	Z=1350
250/300/400 x 400	less than 950	Z=FM H - 600
400 x 600	minimum 2150	Z=1250
400 x 600	from 1950 to 2149	Z=1150
400 x 600	less than 1950	Z=FM H - 800
400 x 1200	minimum 2150	Z=650
400 x 1200	from 1950 to 2149	Z=550
400 x 1200	less than 1950	Z=FM H - 1400
400 x 600 KIPP	minimum 2150	Z=1250
400 x 600 KIPP	from 2050 to 2149	Z=1150
400 x 600 KIPP	less than 2050	Z=FM H - 800
min. 250 x 250		Z=as indicated by customer

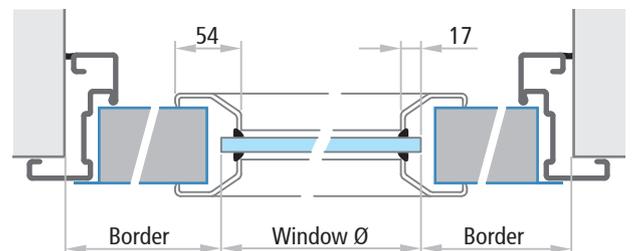
Borders, window position



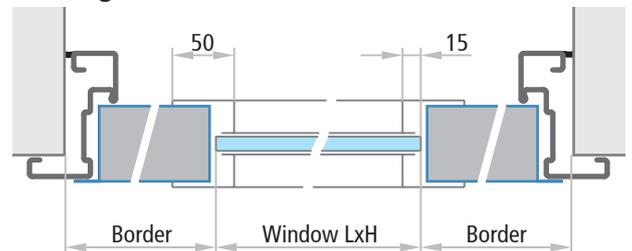
NOTE

For the rectangular windows the frame carters are an optional accessory

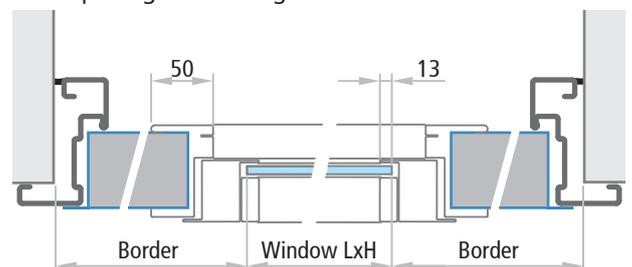
Round window cross section



Rectangular window cross section



KIPP window cross section with opening on the hinge side



Specific optional accessories - Windows

PROGET multipurpose doors

Window dimensions	min. border		dimensions FM L min.	
	a	b	L1	L2
 Ø 300 Ø 400	200	200	700 800	
 Ø 300 Ø 400	200	200	L1 700 + L2 350 L1 800 + L2 350	
 Ø 300 Ø 400	200	200	L1 700 + L2 700 L1 800 + L2 800	

Glasses available		shapes
laminated, 2B2 rated	3 + 3 mm	rectangular, circular
laminated, 2B2 rated	4 + 4 mm	rectangular
low emission double glass window with 2 laminated glazings 2B2 rated	3+3 / 12 / 3+3 mm	rectangular
laminated, 2B2 rated	3 + 3 mm	Kipp rectangular

NOTE
Position and measurements indicated above are those standard.
Different positions may be considered as long as they respect the minimum "a" and "b" border strips. The window itself may not be supplied separately except for replacements. It is always advisable for doors with windows to be equipped with door closers for controlled closing.

Window dimensions	min. border		dimensions FM L min.	
	a	b	L1	L2
 250 x 400 300 x 400 400 x 400 400 x 600 400 x 1200	200	200	650 700 800 800 800	
Windows made to order min. 250x250	200	200	650	
400 x 600 KIPP	300	300	1000	
 250 x 400 300 x 400 400 x 400 400 x 600 400 x 1200	200	200	L1 650 + L2 350 L1 700 + L2 350 L1 800 + L2 350 L1 800 + L2 350 L1 800 + L2 350	
Windows made to order min. 250x250	200	200	L1 650 + L2 350	
400 x 600 KIPP	300	300	L1 1000 + L2 350	
 250 x 400 300 x 400 400 x 400 400 x 600 400 x 1200	200	200	L1 650 + L2 650 L1 700 + L2 700 L1 800 + L2 800 L1 800 + L2 800 L1 800 + L2 800	
Windows made to order min. 250x250	200	200	L1 650 + L2 650	
400 x 600 KIPP	300	300	L1 1000 + L2 1000	

MULTIPURPOSE WINDOW WITH RUBBER WINDOW FRAME

On request, one- and two-leaved doors may be equipped with round or rectangular windows, with laminated 3+3mm glass, 2B2 rated, framed with a black rubber EPDM profile.

The corners of rectangular windows are rounded (radius of approx. 100mm).

Production limits

Window sizes are standard and the minimum border strips around the window may not be reduced.

Borders, window position

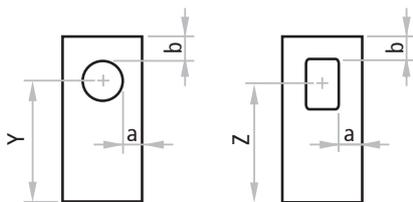
"Border measurement" refers to the distance from the edge of the window to the wall opening of the door.

Elevation for round windows

window dimensions	FM H	position
Ø 300	minimum 1950	Y=1600
Ø 300	less than 1950	Y=FM H - 350
Ø 400	minimum 2000	Y=1600
Ø 400	less than 2000	Y=FM H - 400

Elevation of rectangular windows

window dimensions L x H	FM H	position
300 x 500	minimum 1950	Z=1500
300 x 500	less than 1950	Z=FM H - 450
400 x 700	minimum 2050	Z=1500
400 x 700	less than 2050	Z=FM H - 550

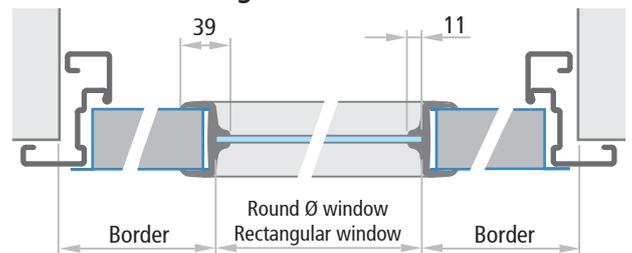


NOTE

The positions indicated above are those standard. Different positions may be considered as long as they respect the minimum "a" and "b" border strips. The window itself may not be supplied separately except for replacements. It is always advisable for doors with windows to be equipped with door closers for controlled closing.



Round and rectangular window cross sections



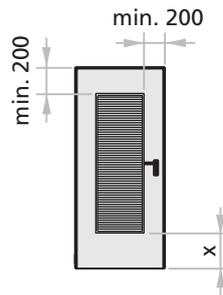
Window dimensions

	Window dimensions	minimum border		FM L min. dimensions
		a	b	
	Ø 300	200	200	700
	Ø 400			800
	Ø 300	200	200	L1 700 + L2 350
	Ø 400			L1 800 + L2 350
	Ø 300	200	200	L1 700 + L2 700
	Ø 400			L1 800 + L2 800
	300 x 500	200	200	700
	400 x 700			800
	300 x 500	200	200	L1 700 + L2 350
	400 x 700			L1 800 + L2 350
	300 x 500	200	200	L1 700 + L2 700
	400 x 700			L1 800 + L2 800

VENTILATING LOUVERS WITH METAL FRAMES

To permit continuous air movement through the door, different types of ventilating louvers are available upon request in standard or non-standard formats. The screw-on metal frames for the ventilating louvers are painted the same color as the leaf using thermoset epoxy-polyester powders. On request air flow estimates calculated by a special program can be supplied for the dimensions of the ventilating louvers.

The vertical position of the louvers needs to be indicated on the order.

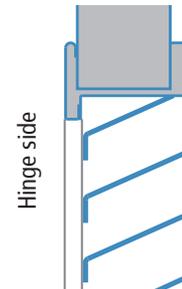


x = min. 200 mm for louver heights up to 1200 mm
 x = min. 500 mm for louver heights over 1200 mm

Louver with steel grate plates

Louver with steel grate plates only. Standard production employs angled steel grate plates that slope downwards in the same direction as the door pull.

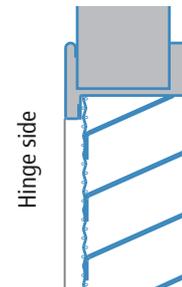
Dimensions L x H	estimated air flow
300 x 400	500 cm ²
400 x 600	1100 cm ²
400 x 1200	2500 cm ²
to order	on request



Louver with steel grate plates and anti-rodent mesh

Louver with steel grate plates overlaid with a metal anti-rodent mesh (13x13x1mm sheet). Standard production employs angled steel grate plates that slope downwards in the same direction as the door pull.

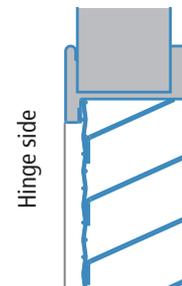
Dimensions L x H	estimated air flow
300 x 400	400 cm ²
400 x 600	900 cm ²
400 x 1200	2000 cm ²
to order	on request



Louver with steel grate plates and anti-insect mesh

Louver with steel grate plates overlaid with a metal anti-insect mesh (6,3x6,3x0,55mm sheet). Standard production employs angled steel grate plates that slope downwards in the same direction as the door pull.

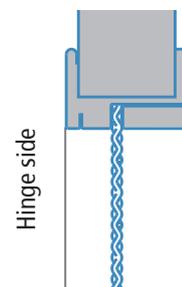
Dimensions L x H	estimated air flow
300 x 400	400 cm ²
400 x 600	800 cm ²
400 x 1200	2000 cm ²
to order	on request



Anti-rodent mesh

Metal frame with metal anti-rodent mesh only (16x16x3mm sheet).

Dimensions L x H	estimated air flow
300 x 400	700 cm ²
400 x 600	1500 cm ²
400 x 1200	3100 cm ²
to order	on request



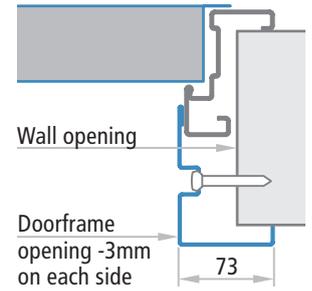
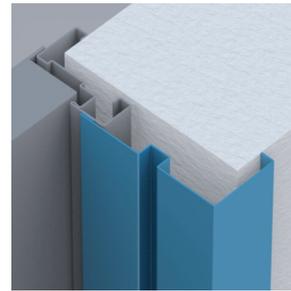
Specific optional accessories

PROGET multipurpose doors

FRAME EXTENSIONS FOR PROGET DOORS

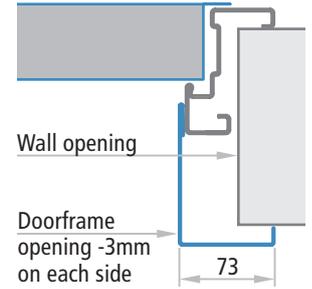
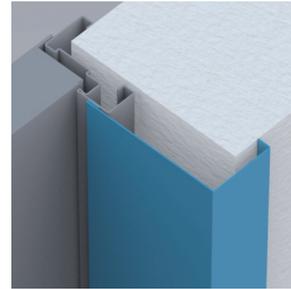
IM 1

Frame extension to be mounted in addition to the Proget acting as a wall cladding. Made of "Sendzimir" processed hot-galvanized sheet metal and painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 45 degree joint, fixing with screws and plugs in groove (screws and plugs not included).



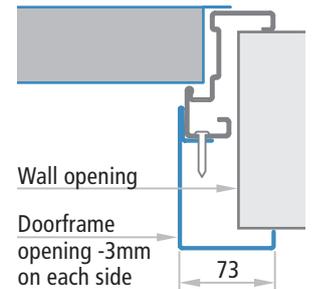
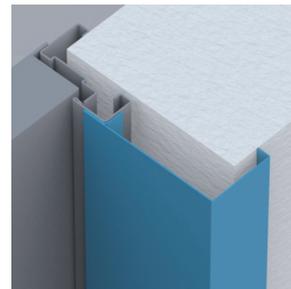
IM 3

Frame extension to be mounted in addition to the Proget acting as a wall cladding. Made of "Sendzimir" processed hot-galvanized sheet metal and painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 45 degree joint, fixing with screws and plugs (screws and plugs not included).



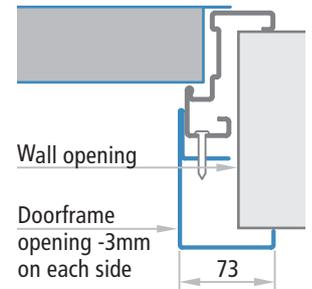
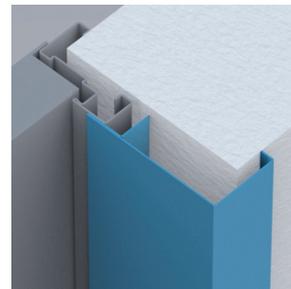
IM 4

Frame extension to be screwed to the Proget doorframe acting as a wall cladding. Made of "Sendzimir" processed hot-galvanized sheet metal painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 90 degree joint. Complete with fastener screws. To mount the frame extension, pre-drilled holes are available on the frame. Combine with sealing to conceal the screw heads.



IM 5

Telescopic frame extension to be screwed to the Proget doorframe acting as a wall cladding for expansion screw fixing. Consists of two overlapping profiles with a 25mm adjustable range. Made of "Sendzimir" processed hot-galvanized sheet metal painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 90 degree joint. Complete with fastener screws. To mount the frame extension, pre-drilled holes are available on the frame. Combine with sealing to conceal the screw heads.



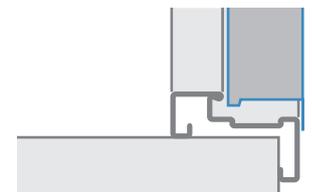
FRAME ON FOUR SIDES

Upon request one-leaved Proget doors may be supplied with frames on four sides and leaves with or without lower rebate. These type of doors are used mainly for technical rooms or shafts.

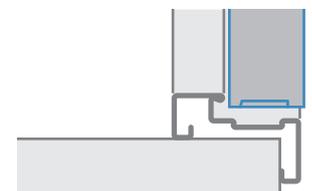
The frame on four sides is not available for the following applications: doors installed onto escape routes, two-leaved doors, external doors $\text{C}\epsilon$ marked, application with embracing frame or block frame for in the reveal application, in combination with frame extensions.

ATTENTION

With the frame on four sides, the center of the handle will be 15 mm higher than the standard position. For more details, see the page "Door cross section - Measurements".



Leaf with lower rebate



Leaf without lower rebate

Specific optional accessories

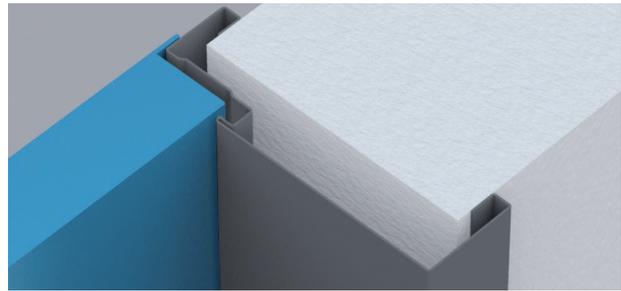
PROGET multipurpose doors



PROGET multipurpose

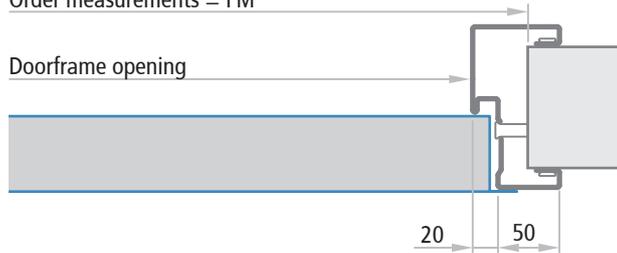
SPECIAL FRAMES FOR PROGET MULTIPURPOSE DOORS

Embracing three sided frame for Proget multipurpose doors with 45 degree corner joints, made of 1,5mm thick "Sendzimir" processed galvanized steel sheets. To be screwed to finished walls, including joints for assembly, hole-covering caps, sealing and RAL painting with thermoset epoxy-polyester powder paints. Pre-drilled screw holes present on the doorframe. Installation screws not included.



Order measurements = FM

Doorframe opening



Minimum wall thickness for multipurpose doors = 70 mm

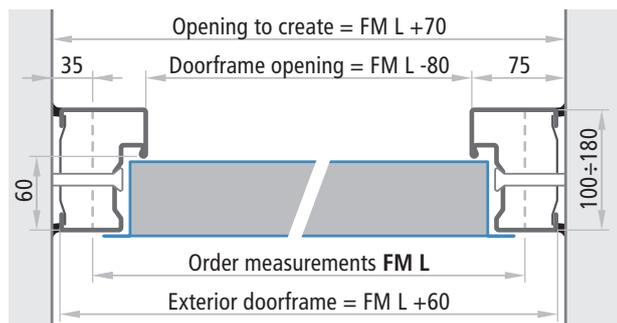
Order measurements	required wall opening	doorframe opening
FM L (width)	FM L	FM L - 80 mm
FM H (height)	FM H	FM H - 40 mm

BLOCK FRAME FOR IN THE REVEAL (TUNNEL) APPLICATIONS

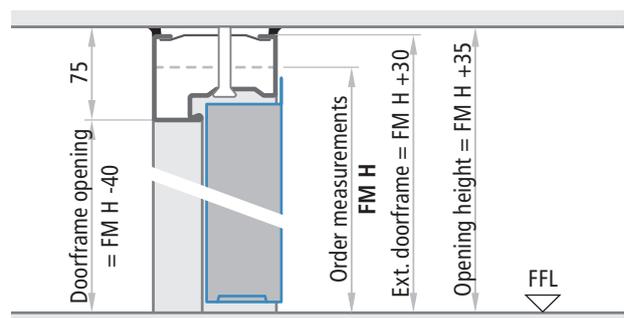
Three sided block frame application of Proget multipurpose doors, made of 1,5mm thick "Sendzimir" processed galvanized steel sheets. To be screwed to finished walls and equipped with integrated attachment shackles. Includes assembly joints, hole-covering caps, sealing and RAL painting with thermoset epoxy-polyester powder paints. Pre-drilled screw holes present on the doorframe. Installation screws not included.



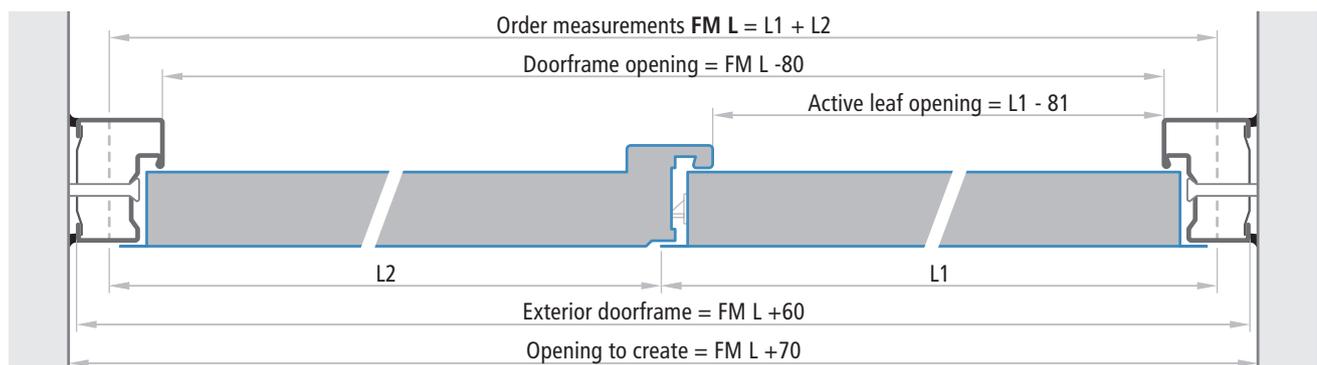
One-leaved doors - Horizontal cross section



Doors without lower threshold - Vertical cross section



Two-leaved doors - Horizontal cross section



Specific optional accessories

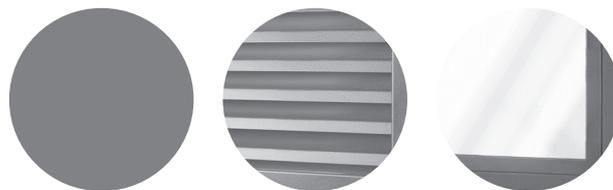
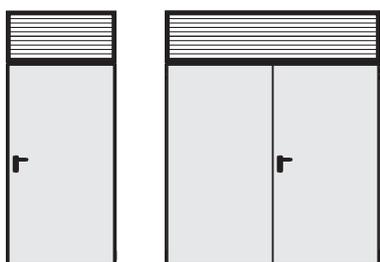
PROGET multipurpose doors



PROGET OVERHEAD FRAME PANEL

Available for the installation with Proget one- and two leaved doors in following versions: blank filled with metal sheet from both sides (without insulation), with ventilation steel louver or with glazing bead (glass not supplied); all painted in the same color as doorframe with epoxy-polyester thermoset powders. Profiled on four sides with the standard angular- for in the reveal application- embracing-frame profiles, corners with 45 degree joint. In case of standard doorframe is supplied with an "C" shaped profile to be fixed upon the top frame of the door and shall be drilled on site for the fastening upon door and wall. In case of embracing or block frames, pre-drilled holes are available (screws and anchors not supplied).

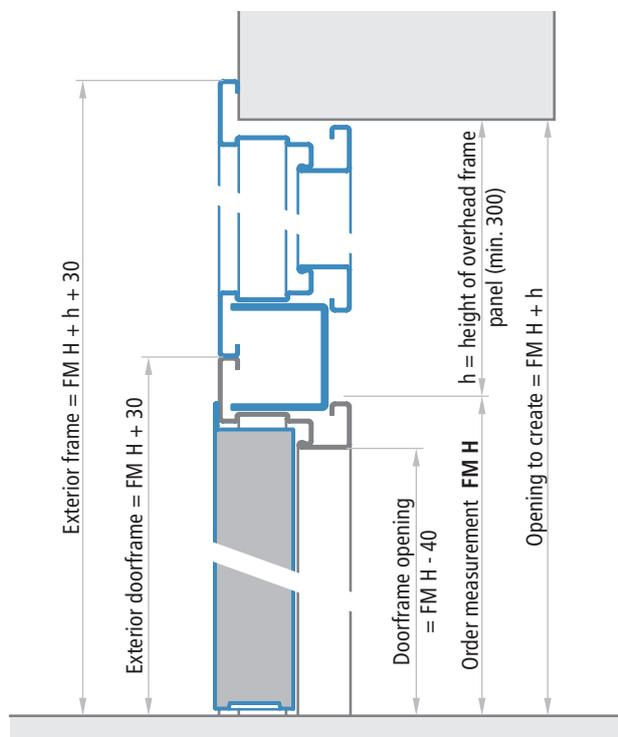
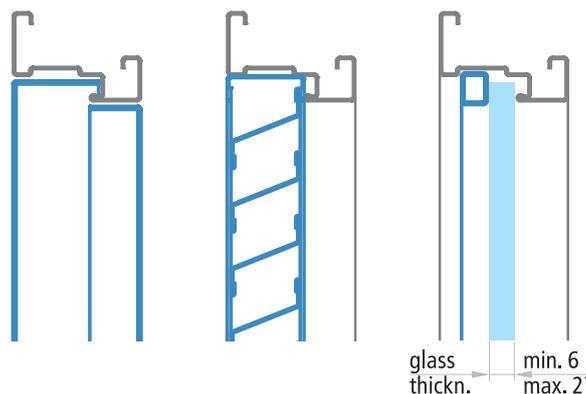
PROGET
multipurpose



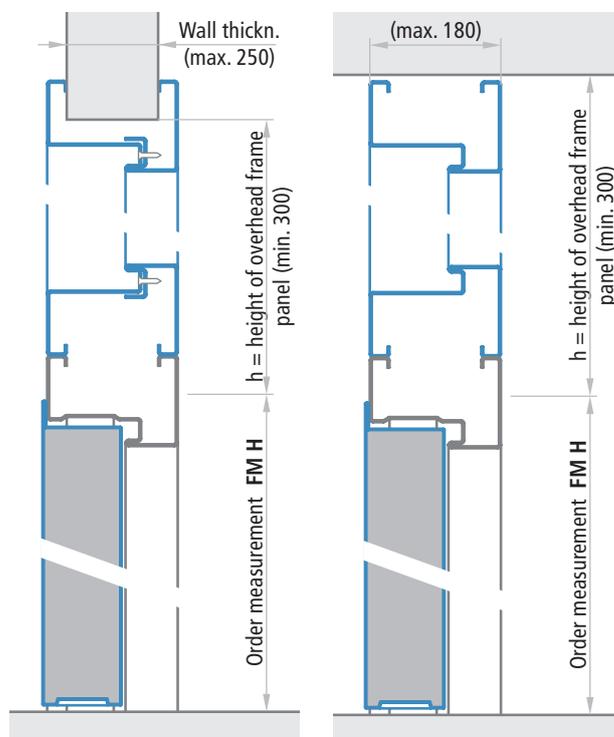
blank filled with metal sheet

with ventilation steel louver

with glazing bead (glass not supplied)



vertical cross section of the door with overhead panel and standard angular doorframe)



with embracing doorframe

with block frame

NOTE

In case of overhead frame panel with glazing bead, the thickness of glass (not supplied) min. 6 mm and max. 22 mm must be specified.

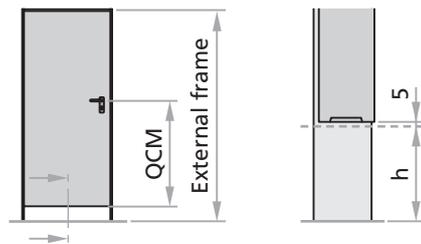
Calculus of window dimension: $FM L - 45 \text{ mm} \times h - 105 \text{ mm}$

Specific optional accessories

PROGET multipurpose doors

DOOR WITH EXTENDED FRAME

For one-leaved Proget doors only. Frame extends beyond the door leaf to create a gap below the door with height (h) varying of between 50 to 200 mm. Using the standard Proget door leaf and an extended the frame, the desired handle height (QCM) must be specified when ordered. In the absence of such indication, the QCM will be 1050mm.



Standard handle height	external frame	opening to create
1050	FM H + h + 30	FM H + h

NOTE
Not available for multipurpose doors Proget with $\text{C}\epsilon$ marking.

MORTICE LOCK WITH ROLLER LATCH AND G1X DOUBLE FIX GRAB DOOR HANDLE IN STAINLESS STEEL

For multipurpose one- or two-leaved Proget doors. Designed to permit free pedestrian passage, by simply pushing or pulling the door by the fix grab. Usually the lock is not locked by key, thus the opening is possible by simple pulling or pushing, disengaging the roller latch. It is possible to regulate the engagement force of the roller latch, by turning the regulation screw visible on the cover plate of the lock. By locking the lock by key, the dead bolt blocks the opening of the door from both sides. Included (factory mounted to the door): mortice lock with roller latch and central dead bolt activated by the cylinder; included (supplied on the side): item G1X which comprises a pair of brushed fix grab door handles in stainless steel (diameter 30mm, length 400mm, projection 90mm), a fixing kit for the handles to the door and a pair of escutcheons in brushed stainless steel with cylinder hole for euro profile cylinder (cylinder excluded, to be ordered separately).



Mortice lock with roller latch and G1X: pair of brushed fix grab door handles in stainless steel, installed on multipurpose Proget door

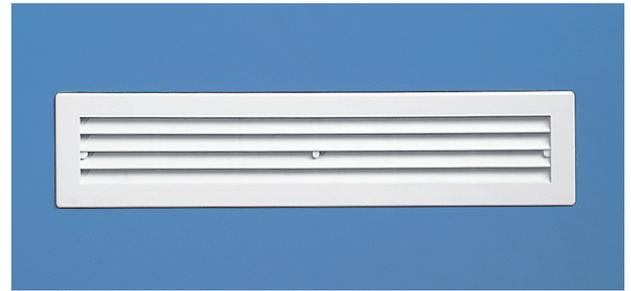
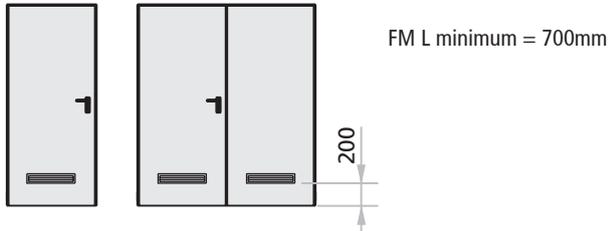
NOTE
Not available for multipurpose doors Proget with $\text{C}\epsilon$ marking.

Specific optional accessories

PROGET multipurpose doors

VENTILATION LOUVER

Ventilation louver made of either black or white PVC, 482x99mm (air passage approx. 150cm²). The opening direction of the door needs to be specified.



Dimensions

482 x 99

estimated air flow

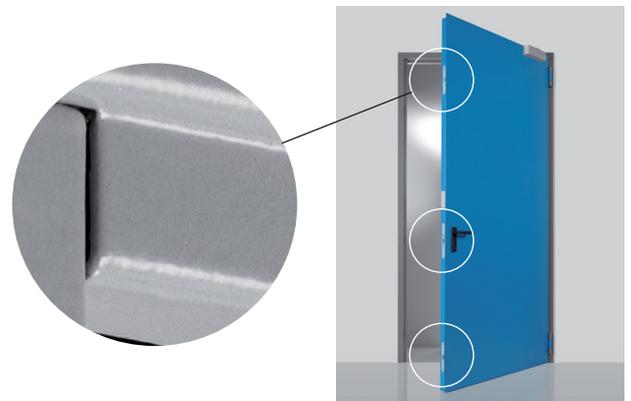
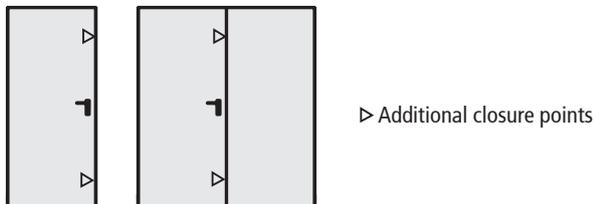
150 cm²

NOTE

Not available for multipurpose doors Proget with **CE** marking.

THREE-POINT LOCKING MECHANISM

Upon request for a more reliable closure, one- and two-leaved Proget multipurpose doors may be delivered with a three-point lateral lock. In combination with double M1 handle and cylinder. The lock is also available for anti-panic and emergency push versions. Thus the three-point locking mechanism can be combined with emergency handles or with EXUS, TWIST, SLASH type BM panic bars in conformity with **CE** marking.



NOTE

Three point locking mechanism can be combined with M1, M1C, M1X, M1Xs, M11, M11X and M11Xs handles only.

CR REBATE SEALING

CR sealing in black extruded profile to cut and to be pressed into the dedicated groove in the perimetral frame and on the central joint of two-leaved doors.

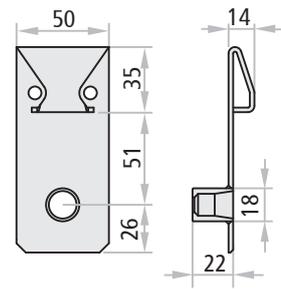


Specific optional accessories

PROGET multipurpose doors

STEEL FLOOR CATCH

Floor-mounted steel floor catch for two-leaved Proget doors. Made of pierced and successively galvanized steel. Includes rebate stop for the inactive leaf, the strike box for insertion of the rod, Nr. 3 screws and Nr. 3 plugs. To be used in place of the plastic floor catch for doors that usually remain open and where carts and heavy equipment pass on a regular basis.



RETREATING FLOOR CATCH „N626“

To be applied in combination with two-leaved PROGET doors, which are usually to be kept open, in substitution of the standard floor catch. The N626's advantage is the embedding of the floor catch into the floor which is activated only by the closing of the inactive leaf. Thus when the doors are open protrusions are avoided guaranteeing nevertheless a correct closing.



NOTE

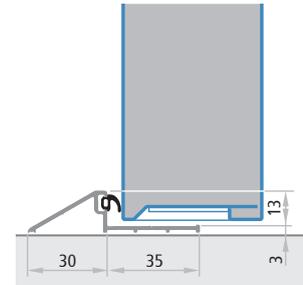
For the passing of the cable of the command function the installation into the floor of a wrinkled cable sleeve is necessary. The installation of the N626 requires trained personnel.

THRESHOLD

Fixed threshold in anodized aluminium supplied with relative rebate sealing. To be installed for single and double leaved doors onto the floor with screws and plugs (not supplied).

NOTE

This device is delivered only when the door has been ordered with CE conformity for external use. For the installation it is necessary to adapt the threshold to the frame of the door and to drill a hole for its fixing. Further it is necessary to finish up the threshold with silicone.



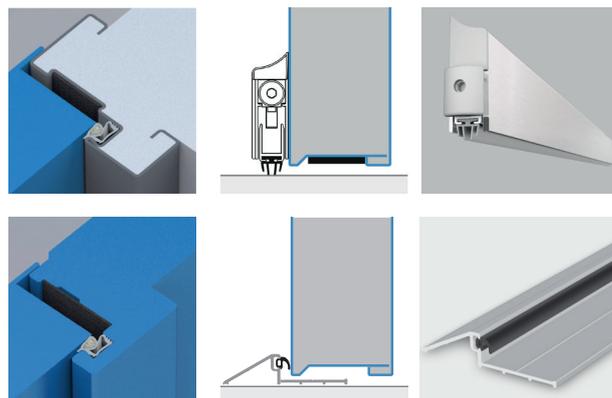
EXTERNAL PEDESTRIAN DOORS



The norm EN 14351-1:2006+A2:2016 defines as an external door, a door which separates the internal from the external climate of a construction. For this use the doors need to be **CE** marked according to the norm EN 14351-1:2006+A2:2016 and if the door is installed within an emergency exit route, which means that a panic handle or bar is installed onto it, then the door also requires a conformity declaration of type 1 and further a **CE** Certificate issued by a notified body, which for NINZ S.p.A is the declaration 0425-CPR-002237.

For Proget doors for external use order the relative Com-bos listed in the Proget multipurpose price list. Refer to the essential requirements listed in the table on the next page to select the correct version in conformity with the valid national standards.

In this way every door will be delivered with the **CE** marking and relative documentation conform to the valid standard.



ATTENTION

For the dimensional limits, minimum border measurements or production possibilities please refer to the specific pages of this brochure.

The values for the thermal transmittance W/m^2K shown in the table on the next page are given by the calculation according to the norm EN ISO 10077-1 done on samples of the dimensions 1,23x2,18 for areas $\leq 3,6m^2$ and on samples of the dimensions 2,00x2,18 for areas $> 3,6m^2$.

All performance values indicated in the table are valid only in presence of the following accessories or enhancements:

- standard angular- for in the reveal application- embracing-frame
- isolation of the door frame with the filling of polyurethane foam
- installation of rubber seals along the entire perimeter of the door frame including the central rebate for double leaved doors
- sealing of the perimeter of the frame (side to push) with neutral silicone
- presence of the automatic door sweep or the fixed lower threshold depending upon selected solution
- for doors with windows: dimensions of 300x400mm for "3+3 / 12 / 3+3" low emission double glass windows, composed of two 3+3 laminated glazings, 2B2 rated.

In case of windows up to a maximum size of 400x600mm the differing performance value for the thermal transmittance needs to be asked, all other performance values remain unchanged.

For the acoustic isolation performance values, in case of asymmetric double leaved doors ($L1 \neq L2$), select the minor R_w value of the two.

example 1: leaf without windows and $H=2150$, $L1=1000$, $L2= 500$ select 30 dB;

example 2: leaf without windows and $H=2150$, $L1=1200$, $L2=1000$ select 32 dB.

NOTE

For more details regarding the external installation, refer to the "Notices" section at the end of this brochure.

ICIM S.p.A. - Identification number: 0425
Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI) - ITALY

Certificato di costanza delle prestazioni
Certificate of constancy of performance

Certificato N. **0425 - CPR - 002237**
Certificate No.

In conformità al Regolamento 305/2011/UE del Parlamento Europeo e del Consiglio del 9 marzo 2011 (Regolamento Prodotti da Costruzione o CPR), questo certificato si applica al prodotto da costruzione.
In compliance with Regulation 305/2011/UE of the European Parliament and of the Council of 9 March 2011 (the Construction Products' Certification or CPR), this certificate applies to the construction product.

Porte esterne pedonali su via di fuga
External pedestrian doors on escape routes

SERIE / SERIES **PROGET, UNIVER**

MODELLI / MODELS **Vedi allegati / See Annex**

Caratteristiche: vedi Allegato / Characteristic: see Annex

IMMESSO SUL MERCATO CON IL NOME O IL MARCHIO DI
PLACED ON THE MARKET UNDER THE NAME OR TRADE MARK OF

NINZ S.p.A.

SEDE LEGALE / HEAD OFFICE **Corso Trento, 2/A
38061 ALA (TN) - IT**

UNITÀ OPERATIVA / PRODUCTION UNIT **Corso Trento, 2/A
38061 ALA (TN) - IT** **Via Negrelli, 17
38100 BOLZANO (BZ) - IT**

Questo certificato attesta che tutte le disposizioni riguardanti la valutazione e la verifica della costanza della prestazione e le prestazioni descritte nell'Allegato ZA della norma:
This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance described in Annex ZA of the standard:

EN 14351-1:2006 + A2:2016
nell'ambito del sistema 1 di cui al presente certificato vengono applicati e che il controllo di produzione in fabbrica condotto dal produttore è valutato al fine di garantire la
under system 1 set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

COSTANZA DELLA PRESTAZIONE DEL PRODOTTO DA COSTRUZIONE
CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT

Questo certificato è stato emesso per la prima volta il 11/11/2010 e ha validità sino a che la norma armonizzata, il prodotto da costruzione, i metodi ACVP o le condizioni di produzione nello stabilimento non subiscano modifiche significative, o sino a che non venga sospeso o ritirato dall'organismo di certificazione notificato ICIM S.p.A.
This certificate was first issued on 11/11/2010 and will remain valid as long as neither the harmonized standard, the construction product, the ACVP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body ICIM S.p.A.

Il presente Certificato è da ritenersi valido solo se accompagnato dal relativo Allegato I. This Certificate is valid only with the relative Annex

No. 10/11/2010
ICIM S.p.A.
Direttore Tecnico

EMISSIONE / ISSUE
25/05/2017

ICIM S.p.A. - Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)

EXTERNAL PEDESTRIAN DOORS

Essential requirements for classifications according to certificate 0425-CPR-002237



	FM L x H dimensions	standard angular frame block frame in the reveal applying embracing frame			combo CE Est/GS combo CE Est/GSV reached class with CR rebate sealing and automatic door sweep			combo CE Est/SF reached class with CR rebate sealing and fix threshold		
		air permeability	thermal transmittance	acoustic performance	air permeability	thermal transmittance	water-tightness	resistance to windload		
	≤ 3,6 m ²	✓			class 2	1,31 W/m ² K		class 2	1,30 W/m ² K	class 1A
	≤ 3,6 m ²		✓		class 2	1,59 W/m ² K		class 2	1,58 W/m ² K	class 1A
	≤ 3,6 m ²			✓	class 2	1,49 W/m ² K		class 2	1,48 W/m ² K	class 1A
	800 - 1100 x 2000 - 2250	✓	✓	✓			33 dB			
	1101 - 1340 x 2000 - 2250	✓	✓	✓			32 dB			
	800 - 1340 x 2251 - 2670	✓	✓	✓			32 dB			
	500 - 1150 x 1750 - 2150	✓	✓	✓						class C1
	≤ 3,6 m ²	✓			class 2	1,78 W/m ² K		class 2	1,77 W/m ² K	class 1A
	≤ 3,6 m ²		✓		class 2	2,05 W/m ² K		class 2	2,04 W/m ² K	class 1A
	≤ 3,6 m ²			✓	class 2	1,96 W/m ² K		class 2	1,95 W/m ² K	class 1A
	800 - 1100 x 2000 - 2250	✓	✓	✓			32 dB			
	1101 - 1340 x 2000 - 2250	✓	✓	✓			31 dB			
	800 - 1340 x 2251 - 2670	✓	✓	✓			31 dB			
	700 - 1150 x 1750 - 2150	✓	✓	✓						class C1
	≤ 3,6 m ²	✓			class 3	1,72 W/m ² K		class 3	1,71 W/m ² K	class 2A, 4B
	> 3,6 m ²	✓			class 3	1,40 W/m ² K		class 3	1,39 W/m ² K	class 2A, 4B
	≤ 3,6 m ²		✓		class 3	2,00 W/m ² K		class 3	1,99 W/m ² K	class 2A, 4B
	> 3,6 m ²		✓		class 3	1,60 W/m ² K		class 3	1,59 W/m ² K	class 2A, 4B
	≤ 3,6 m ²			✓	class 3	1,91 W/m ² K		class 3	1,90 W/m ² K	class 2A, 4B
	> 3,6 m ²			✓	class 3	1,54 W/m ² K		class 3	1,53 W/m ² K	class 2A, 4B
	(L1 o L2) 500 - 799 x 2000 - 2670	✓	✓	✓			30 dB			
	(L1 o L2) 800 - 1100 x 2000 - 2250	✓	✓	✓			33 dB			
(L1 o L2) 1101 - 1330 x 2000 - 2250	✓	✓	✓			32 dB				
(L1 o L2) 800 - 1330 x 2251 - 2670	✓	✓	✓			32 dB				
850 - 2300 x 1750 - 2150	✓	✓	✓						class C1	
	≤ 3,6 m ²	✓			class 3	2,51 W/m ² K		class 3	2,50 W/m ² K	class 2A, 4B
	> 3,6 m ²	✓			class 3	1,90 W/m ² K		class 3	1,89 W/m ² K	class 2A, 4B
	≤ 3,6 m ²		✓		class 3	2,79 W/m ² K		class 3	2,78 W/m ² K	class 2A, 4B
	> 3,6 m ²		✓		class 3	2,09 W/m ² K		class 3	2,08 W/m ² K	class 2A, 4B
	≤ 3,6 m ²			✓	class 3	2,70 W/m ² K		class 3	2,68 W/m ² K	class 2A, 4B
	> 3,6 m ²			✓	class 3	2,02 W/m ² K		class 3	2,01 W/m ² K	class 2A, 4B
	(L1 o L2) 700 - 799 x 2000 - 2670	✓	✓	✓			29 dB			
	(L1 o L2) 800 - 1100 x 2000 - 2250	✓	✓	✓			32 dB			
	(L1 o L2) 1101 - 1330 x 2000 - 2250	✓	✓	✓			31 dB			
	(L1 o L2) 800 - 1330 x 2251 - 2670	✓	✓	✓			31 dB			
	1050 * - 2300 x 1750 - 2150	✓	✓	✓						class C1

* = only for single leaf with window

other essential requirements

load-bearing capacity of safety devices	pass
ability to release	pass
dangerous substances	according to norm

ATTENTION

To avoid degradation of the product in time, for doors exposed to atmospheric agents and sun light, it is mandatory to use:

- canopies or roofing above the products
- paintings suitable for exterior use with UV protection
- low emission chamber glass 3+3/12/3+3
- lighter RAL colors to avoid excessive heating of the steel sheets

Additional performances

PROGET multipurpose doors



INTERNAL PEDESTRIAN DOORS



Classification report No. IFT 16-000122-PR03

Test report No. IFT 12-001195-PR01

Pedestrian interior doors are not yet subject to CE marking as the relevant standard EN 14351-2 has not yet been harmonized. The performances listed in the standard can however be used as a reference for classifying the door for indoor uses, such as:

- air permeability according to EN 1026:2001
- thermal transmittance according to EN ISO 10077-1:2018 e EN ISO 10077-2:2018

PROGET multipurpose doors are also classified as Sa or S200 for smoke control according to EN 1634-3 (test method) and 13501-2 (classification).

The Proget price list lists the Combos which add these additional performances to the door.

ATTENTION

For the dimensional limits, minimum border measurements or production possibilities please refer to the specific pages of this brochure.

The values for the thermal transmittance W/m^2K shown in the table on the next page are given by the calculation according to the norm EN ISO 10077-1 done on samples of the dimensions 1,23x2,18 for areas $\leq 3,6m^2$ and on samples of the dimensions 2,00x2,18 for areas $> 3,6m^2$.

All performance values indicated in the table are valid only in presence of the following accessories or enhancements:

- standard angular- for in the reveal application-embracing-frame
- isolation of the door frame with the filling of polyurethane foam
- installation of rubber seals along the entire perimeter of the door frame including the central rebate for double leaved doors
- sealing of the perimeter of the frame (side to push) with neutral silicone
- closing regulator RC2 for two-leaved doors (instead of RC/STD)
- presence of the automatic door sweep depending upon selected solution

In case of windows up to a maximum size of 400x600mm the differing performance value for the thermal transmittance needs to be asked, all other performance values remain unchanged.

For the acoustic isolation performance values, in case of asymmetric double leaved doors ($L1 \neq L2$), select the minor R_w value of the two.

example 1: leaf without windows and $H=2150$, $L1=1000$, $L2= 500$ select 30 dB;

example 2: leaf without windows and $H=2150$, $L1=1200$, $L2=1000$ select 32 dB.

NOTE

For more details regarding the external installation, refer to the "Notices" section at the end of this brochure.

SMOKE CONTROL ACCORDING TO EN 1634-3

This is the ability of a door set to reduce or eliminate the passage of smoke from one side of the door to the other. Two levels of smoke performance are defined.

Smoke control Sa: when the maximum dispersion value measured at room temperature and at a pressure of 25 Pascal is not greater than $3 m^3/h$ per metre through the gap between the door leaf and the door frame excluding eventual losses through the floor threshold.

Smoke control S200: when the maximum dispersion value, measured at room temperature and 200 C and up to a pressure of 50 Pascal, is not greater than $20 m^3/h$ for a single door or $30 m^3/h$ for a two-door door.

The smoke tightness is verified with a specific technical test in accordance with UNI EN 1634-3, while the classification is provided by UNI EN 13501-2 according to the following criteria:

Sa considers only the seal at room temperature

S200 considers the seal at room temperature and at 200 C

Evidence of Performance		ift ROSENHEIM
Smoke leakage and self-closing of construction products and building elements		
Classification Report No.: 16-000122-PR03 (KB-C05-01-en-03)		
Client	NINZ s.p.a. Corso Trento 2/A 38061 ALA (Italy)	Basis EN 13501-2:2007+A1:2009 EN 13501-2:2016 EN 13501-1:2012 EN 1634-1:2014 EN 1634-3:2004/AC:2008 EN 1181:2012 EN 15034:2014
Prepared by the notified body	ift Rosenheim GmbH Theodor-Giethl-Straße 7-9 D-83026 Rosenheim	Instructions for use This classification report for smoke control and durability of self-closing devices defines the classification assigned to the building element according to its product name in conformity with the methods set out in EN 13501-2. This classification document does not represent type approval or certification of the product.
Notified body No.	0757	Validity The data and results given relate solely to the tested and described specimen.
Product name	PROGET MULTI REI / EI – 60/90/120 (nach den Angaben des Auftraggebers)	Notes on publication The IfT Guidance Sheet "Conditions and Guidance for the Use of IfT Documents" applies.
Classification	Classification of smoke control and self-closing according to EN 13501-2:2007+A1:2009 / EN 13501-2:2016	Contents The classification report consists of 13 pages and may only be used or reproduced in its entirety. 1 Introduction 2 Details of classified product 3 Test reports/extended application reports and test results in support of the classification 4 Classification and field of application 5 Limitations
Issue No.	1	
Smoke control doors and shutters		
Classification Sa / S200 CS		
ift Rosenheim 07.05.2018		Dr. Gerhard Wackerbauer, Dipl. Phys. Head of Testing Department Smoke Control & Mechanical durability
		Christine Schmaus, Dipl.-Ing. (FH) Operating Product Officer Building Components

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ift Rosenheim GmbH | Rosenheim | TÜV SÜD | DIBt | DIBt 1205 | DIBt 1206 | DIBt 1207 | DIBt 1208 | DIBt 1209 | DIBt 1210 | DIBt 1211 | DIBt 1212 | DIBt 1213 | DIBt 1214 | DIBt 1215 | DIBt 1216 | DIBt 1217 | DIBt 1218 | DIBt 1219 | DIBt 1220 | DIBt 1221 | DIBt 1222 | DIBt 1223 | DIBt 1224 | DIBt 1225 | DIBt 1226 | DIBt 1227 | DIBt 1228 | DIBt 1229 | DIBt 1230 | DIBt 1231 | DIBt 1232 | DIBt 1233 | DIBt 1234 | DIBt 1235 | DIBt 1236 | DIBt 1237 | DIBt 1238 | DIBt 1239 | DIBt 1240 | DIBt 1241 | DIBt 1242 | DIBt 1243 | DIBt 1244 | DIBt 1245 | DIBt 1246 | DIBt 1247 | DIBt 1248 | DIBt 1249 | DIBt 1250 | DIBt 1251 | DIBt 1252 | DIBt 1253 | DIBt 1254 | DIBt 1255 | DIBt 1256 | DIBt 1257 | DIBt 1258 | DIBt 1259 | DIBt 1260 | DIBt 1261 | DIBt 1262 | DIBt 1263 | DIBt 1264 | DIBt 1265 | DIBt 1266 | DIBt 1267 | DIBt 1268 | DIBt 1269 | DIBt 1270 | DIBt 1271 | DIBt 1272 | DIBt 1273 | DIBt 1274 | DIBt 1275 | DIBt 1276 | DIBt 1277 | DIBt 1278 | DIBt 1279 | DIBt 1280 | DIBt 1281 | DIBt 1282 | DIBt 1283 | DIBt 1284 | DIBt 1285 | DIBt 1286 | DIBt 1287 | DIBt 1288 | DIBt 1289 | DIBt 1290 | DIBt 1291 | DIBt 1292 | DIBt 1293 | DIBt 1294 | DIBt 1295 | DIBt 1296 | DIBt 1297 | DIBt 1298 | DIBt 1299 | DIBt 1300 | DIBt 1301 | DIBt 1302 | DIBt 1303 | DIBt 1304 | DIBt 1305 | DIBt 1306 | DIBt 1307 | DIBt 1308 | DIBt 1309 | DIBt 1310 | DIBt 1311 | DIBt 1312 | DIBt 1313 | DIBt 1314 | DIBt 1315 | DIBt 1316 | DIBt 1317 | DIBt 1318 | DIBt 1319 | DIBt 1320 | DIBt 1321 | DIBt 1322 | DIBt 1323 | DIBt 1324 | DIBt 1325 | DIBt 1326 | DIBt 1327 | DIBt 1328 | DIBt 1329 | DIBt 1330 | DIBt 1331 | DIBt 1332 | DIBt 1333 | DIBt 1334 | DIBt 1335 | DIBt 1336 | DIBt 1337 | DIBt 1338 | DIBt 1339 | DIBt 1340 | DIBt 1341 | DIBt 1342 | DIBt 1343 | DIBt 1344 | DIBt 1345 | DIBt 1346 | DIBt 1347 | DIBt 1348 | DIBt 1349 | DIBt 1350 | DIBt 1351 | DIBt 1352 | DIBt 1353 | DIBt 1354 | DIBt 1355 | DIBt 1356 | DIBt 1357 | DIBt 1358 | DIBt 1359 | DIBt 1360 | DIBt 1361 | DIBt 1362 | DIBt 1363 | DIBt 1364 | DIBt 1365 | DIBt 1366 | DIBt 1367 | DIBt 1368 | DIBt 1369 | DIBt 1370 | DIBt 1371 | DIBt 1372 | DIBt 1373 | DIBt 1374 | DIBt 1375 | DIBt 1376 | DIBt 1377 | DIBt 1378 | DIBt 1379 | DIBt 1380 | DIBt 1381 | DIBt 1382 | DIBt 1383 | DIBt 1384 | DIBt 1385 | DIBt 1386 | DIBt 1387 | DIBt 1388 | DIBt 1389 | DIBt 1390 | DIBt 1391 | DIBt 1392 | DIBt 1393 | DIBt 1394 | DIBt 1395 | DIBt 1396 | DIBt 1397 | DIBt 1398 | DIBt 1399 | DIBt 1400 | DIBt 1401 | DIBt 1402 | DIBt 1403 | DIBt 1404 | DIBt 1405 | DIBt 1406 | DIBt 1407 | DIBt 1408 | DIBt 1409 | DIBt 1410 | DIBt 1411 | DIBt 1412 | DIBt 1413 | DIBt 1414 | DIBt 1415 | DIBt 1416 | DIBt 1417 | DIBt 1418 | DIBt 1419 | DIBt 1420 | DIBt 1421 | DIBt 1422 | DIBt 1423 | DIBt 1424 | DIBt 1425 | DIBt 1426 | DIBt 1427 | DIBt 1428 | DIBt 1429 | DIBt 1430 | DIBt 1431 | DIBt 1432 | DIBt 1433 | DIBt 1434 | DIBt 1435 | DIBt 1436 | DIBt 1437 | DIBt 1438 | DIBt 1439 | DIBt 1440 | DIBt 1441 | DIBt 1442 | DIBt 1443 | DIBt 1444 | DIBt 1445 | DIBt 1446 | DIBt 1447 | DIBt 1448 | DIBt 1449 | DIBt 1450 | DIBt 1451 | DIBt 1452 | DIBt 1453 | DIBt 1454 | DIBt 1455 | DIBt 1456 | DIBt 1457 | DIBt 1458 | DIBt 1459 | DIBt 1460 | DIBt 1461 | DIBt 1462 | DIBt 1463 | DIBt 1464 | DIBt 1465 | DIBt 1466 | DIBt 1467 | DIBt 1468 | DIBt 1469 | DIBt 1470 | DIBt 1471 | DIBt 1472 | DIBt 1473 | DIBt 1474 | DIBt 1475 | DIBt 1476 | DIBt 1477 | DIBt 1478 | DIBt 1479 | DIBt 1480 | DIBt 1481 | DIBt 1482 | DIBt 1483 | DIBt 1484 | DIBt 1485 | DIBt 1486 | DIBt 1487 | DIBt 1488 | DIBt 1489 | DIBt 1490 | DIBt 1491 | DIBt 1492 | DIBt 1493 | DIBt 1494 | DIBt 1495 | DIBt 1496 | DIBt 1497 | DIBt 1498 | DIBt 1499 | DIBt 1500 | DIBt 1501 | DIBt 1502 | DIBt 1503 | DIBt 1504 | DIBt 1505 | DIBt 1506 | DIBt 1507 | DIBt 1508 | DIBt 1509 | DIBt 1510 | DIBt 1511 | DIBt 1512 | DIBt 1513 | DIBt 1514 | DIBt 1515 | DIBt 1516 | DIBt 1517 | DIBt 1518 | DIBt 1519 | DIBt 1520 | DIBt 1521 | DIBt 1522 | DIBt 1523 | DIBt 1524 | DIBt 1525 | DIBt 1526 | DIBt 1527 | DIBt 1528 | DIBt 1529 | DIBt 1530 | DIBt 1531 | DIBt 1532 | DIBt 1533 | DIBt 1534 | DIBt 1535 | DIBt 1536 | DIBt 1537 | DIBt 1538 | DIBt 1539 | DIBt 1540 | DIBt 1541 | DIBt 1542 | DIBt 1543 | DIBt 1544 | DIBt 1545 | DIBt 1546 | DIBt 1547 | DIBt 1548 | DIBt 1549 | DIBt 1550 | DIBt 1551 | DIBt 1552 | DIBt 1553 | DIBt 1554 | DIBt 1555 | DIBt 1556 | DIBt 1557 | DIBt 1558 | DIBt 1559 | DIBt 1560 | DIBt 1561 | DIBt 1562 | DIBt 1563 | DIBt 1564 | DIBt 1565 | DIBt 1566 | DIBt 1567 | DIBt 1568 | DIBt 1569 | DIBt 1570 | DIBt 1571 | DIBt 1572 | DIBt 1573 | DIBt 1574 | DIBt 1575 | DIBt 1576 | DIBt 1577 | DIBt 1578 | DIBt 1579 | DIBt 1580 | DIBt 1581 | DIBt 1582 | DIBt 1583 | DIBt 1584 | DIBt 1585 | DIBt 1586 | DIBt 1587 | DIBt 1588 | DIBt 1589 | DIBt 1590 | DIBt 1591 | DIBt 1592 | DIBt 1593 | DIBt 1594 | DIBt 1595 | DIBt 1596 | DIBt 1597 | DIBt 1598 | DIBt 1599 | DIBt 1600 | DIBt 1601 | DIBt 1602 | DIBt 1603 | DIBt 1604 | DIBt 1605 | DIBt 1606 | DIBt 1607 | DIBt 1608 | DIBt 1609 | DIBt 1610 | DIBt 1611 | DIBt 1612 | DIBt 1613 | DIBt 1614 | DIBt 1615 | DIBt 1616 | DIBt 1617 | DIBt 1618 | DIBt 1619 | DIBt 1620 | DIBt 1621 | DIBt 1622 | DIBt 1623 | DIBt 1624 | DIBt 1625 | DIBt 1626 | DIBt 1627 | DIBt 1628 | DIBt 1629 | DIBt 1630 | DIBt 1631 | DIBt 1632 | DIBt 1633 | DIBt 1634 | DIBt 1635 | DIBt 1636 | DIBt 1637 | DIBt 1638 | DIBt 1639 | DIBt 1640 | DIBt 1641 | DIBt 1642 | DIBt 1643 | DIBt 1644 | DIBt 1645 | DIBt 1646 | DIBt 1647 | DIBt 1648 | DIBt 1649 | DIBt 1650 | DIBt 1651 | DIBt 1652 | DIBt 1653 | DIBt 1654 | DIBt 1655 | DIBt 1656 | DIBt 1657 | DIBt 1658 | DIBt 1659 | DIBt 1660 | DIBt 1661 | DIBt 1662 | DIBt 1663 | DIBt 1664 | DIBt 1665 | DIBt 1666 | DIBt 1667 | DIBt 1668 | DIBt 1669 | DIBt 1670 | DIBt 1671 | DIBt 1672 | DIBt 1673 | DIBt 1674 | DIBt 1675 | DIBt 1676 | DIBt 1677 | DIBt 1678 | DIBt 1679 | DIBt 1680 | DIBt 1681 | DIBt 1682 | DIBt 1683 | DIBt 1684 | DIBt 1685 | DIBt 1686 | DIBt 1687 | DIBt 1688 | DIBt 1689 | DIBt 1690 | DIBt 1691 | DIBt 1692 | DIBt 1693 | DIBt 1694 | DIBt 1695 | DIBt 1696 | DIBt 1697 | DIBt 1698 | DIBt 1699 | DIBt 1700 | DIBt 1701 | DIBt 1702 | DIBt 1703 | DIBt 1704 | DIBt 1705 | DIBt 1706 | DIBt 1707 | DIBt 1708 | DIBt 1709 | DIBt 1710 | DIBt 1711 | DIBt 1712 | DIBt 1713 | DIBt 1714 | DIBt 1715 | DIBt 1716 | DIBt 1717 | DIBt 1718 | DIBt 1719 | DIBt 1720 | DIBt 1721 | DIBt 1722 | DIBt 1723 | DIBt 1724 | DIBt 1725 | DIBt 1726 | DIBt 1727 | DIBt 1728 | DIBt 1729 | DIBt 1730 | DIBt 1731 | DIBt 1732 | DIBt 1733 | DIBt 1734 | DIBt 1735 | DIBt 1736 | DIBt 1737 | DIBt 1738 | DIBt 1739 | DIBt 1740 | DIBt 1741 | DIBt 1742 | DIBt 1743 | DIBt 1744 | DIBt 1745 | DIBt 1746 | DIBt 1747 | DIBt 1748 | DIBt 1749 | DIBt 1750 | DIBt 1751 | DIBt 1752 | DIBt 1753 | DIBt 1754 | DIBt 1755 | DIBt 1756 | DIBt 1757 | DIBt 1758 | DIBt 1759 | DIBt 1760 | DIBt 1761 | DIBt 1762 | DIBt 1763 | DIBt 1764 | DIBt 1765 | DIBt 1766 | DIBt 1767 | DIBt 1768 | DIBt 1769 | DIBt 1770 | DIBt 1771 | DIBt 1772 | DIBt 1773 | DIBt 1774 | DIBt 1775 | DIBt 1776 | DIBt 1777 | DIBt 1778 | DIBt 1779 | DIBt 1780 | DIBt 1781 | DIBt 1782 | DIBt 1783 | 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1867 | DIBt 1868 | DIBt 1869 | DIBt 1870 | DIBt 1871 | DIBt 1872 | DIBt 1873 | DIBt 1874 | DIBt 1875 | DIBt 1876 | DIBt 1877 | DIBt 1878 | DIBt 1879 | DIBt 1880 | DIBt 1881 | DIBt 1882 | DIBt 1883 | DIBt 1884 | DIBt 1885 | DIBt 1886 | DIBt 1887 | DIBt 1888 | DIBt 1889 | DIBt 1890 | DIBt 1891 | DIBt 1892 | DIBt 1893 | DIBt 1894 | DIBt 1895 | DIBt 1896 | DIBt 1897 | DIBt 1898 | DIBt 1899 | DIBt 1900 | DIBt 1901 | DIBt 1902 | DIBt 1903 | DIBt 1904 | DIBt 1905 | DIBt 1906 | DIBt 1907 | DIBt 1908 | DIBt 1909 | DIBt 1910 | DIBt 1911 | DIBt 1912 | DIBt 1913 | DIBt 1914 | DIBt 1915 | DIBt 1916 | DIBt 1917 | DIBt 1918 | DIBt 1919 | DIBt 1920 | DIBt 1921 | DIBt 1922 | DIBt 1923 | DIBt 1924 | DIBt 1925 | DIBt 1926 | DIBt 1927 | DIBt 1928 | DIBt 1929 | DIBt 1930 | DIBt 1931 | DIBt 1932 | DIBt 1933 | DIBt 1934 | DIBt 1935 | DIBt 1936 | DIBt 1937 | DIBt 1938 | DIBt 1939 | DIBt 1940 | DIBt 1941 | DIBt 1942 | DIBt 1943 | DIBt 1944 | DIBt 1945 | DIBt 1946 | DIBt 1947 | DIBt 1948 | DIBt 1949 | DIBt 1950 | DIBt 1951 | DIBt 1952 | DIBt 1953 | DIBt 1954 | DIBt 1955 | DIBt 1956 | DIBt 1957 | DIBt 1958 | DIBt 1959 | DIBt 1960 | DIBt 1961 | DIBt 1962 | DIBt 1963 | DIBt 1964 | DIBt 1965 | DIBt 1966 | DIBt 1967 | DIBt 1968 | DIBt 1969 | DIBt 1970 | DIBt 1971 | DIBt 1972 | DIBt 1973 | DIBt 1974 | DIBt 1975 | DIBt 1976 | DIBt 1977 | DIBt 1978 | DIBt 1979 | DIBt 1980 | DIBt 1981 | DIBt 1982 | DIBt 1983 | DIBt 1984 | DIBt 1985 | DIBt 1986 | DIBt 1987 | DIBt 1988 | DIBt 1989 | DIBt 1990 | DIBt 1991 | DIBt 1992 | DIBt 1993 | DIBt 1994 | DIBt 1995 | DIBt 1996 | DIBt 1997 | DIBt 1998 | DIBt 1999 | DIBt 2000 | DIBt 2001 | DIBt 2002 | DIBt 2003 | DIBt 2004 | DIBt 2005 | DIBt 2006 | DIBt 2007 | DIBt 2008 | DIBt 2009 | DIBt 2010 | DIBt 2011 | DIBt 2012 | DIBt 2013 | DIBt 2014 | DIBt 2015 | DIBt 2016 | DIBt 2017 | DIBt 2018 | DIBt 2019 | DIBt 2020 | DIBt 2021 | DIBt 2022 | DIBt 2023 | DIBt 2024 | DIBt 2025 | DIBt 2026 | DIBt 2027 | DIBt 2028 | DIBt 2029 | DIBt 2030 | DIBt 2031 | DIBt 2032 | DIBt 2033 | DIBt 2034 | DIBt 2035 | DIBt 2036 | DIBt 2037 | DIBt 2038 | DIBt 2039 | DIBt 2040 | DIBt 2041 | DIBt 2042 | DIBt 2043 | DIBt 2044 | DIBt 2045 | DIBt 2046 | DIBt 2047 | DIBt 2048 | DIBt 2049 | DIBt 2050 | DIBt 2051 | DIBt 2052 | DIBt 2053 | DIBt 2054 | DIBt 2055 | DIBt 2056 | DIBt 2057 | DIBt 2058 | DIBt 2059 | DIBt 2060 | DIBt 2061 | DIBt 2062 | DIBt 2063 | DIBt 2064 | DIBt 2065 | DIBt 2066 | DIBt 2067 | DIBt 2068 | DIBt 2069 | DIBt 2070 | DIBt 2071 | DIBt 2072 | DIBt 2073 | DIBt 2074 | DIBt 2075 | DIBt 2076 | DIBt 2077 | DIBt 2078 | DIBt 2079 | DIBt 2080 | DIBt 2081 | DIBt 2082 | DIBt 2083 | DIBt 2084 | DIBt 2085 | DIBt 2086 | DIBt 2087 | DIBt 2088 | DIBt 2089 | DIBt 2090 | DIBt 2091 | DIBt 2092 | DIBt 2093 | DIBt 2094 | DIBt 2095 | DIBt 2096 | DIBt 2097 | DIBt 2098 | DIBt 2099 | DIBt 2100 | DIBt 2101 | DIBt 2102 | DIBt 2103 | DIBt 2104 | DIBt 2105 | DIBt 2106 | DIBt 2107 | DIBt 2108 | DIBt 2109 | DIBt 2110 | DIBt 2111 | DIBt 2112 | DIBt 2113 | DIBt 2114 | DIBt 2115 | DIBt 2116 | DIBt 2117 | DIBt 2118 | DIBt 2119 | DIBt 2120 | DIBt 2121 | DIBt 2122 | DIBt 2123 | DIBt 2124 | DIBt 2125 | DIBt 2126 | DIBt 2127 | DIBt 2128 | DIBt 2129 | DIBt 2130 | DIBt 2131 | DIBt 2132 | DIBt 2133 | DIBt 2134 | DIBt 2135 | DIBt 2136 | DIBt 2137 | DIBt 2138 | DIBt 2139 | DIBt 2140 | DIBt 2141 | DIBt 2142 | DIBt 2143 | DIBt 2144 | DIBt 2145 | DIBt 2146 | DIBt 2147 | DIBt 2148 | DIBt 2149 | DIBt 2150 | DIBt 2151 | DIBt 2152 | DIBt 2153 | DIBt 2154 | DIBt 2155 | DIBt 2156 | DIBt 2157 | DIBt 2158 | DIBt 2159 | DIBt 2160 | DIBt 2161 | DIBt 2162 | DIBt 2163 | DIBt 2164 | DIBt 2165 | DIBt 2166 | DIBt 2167 | DIBt 2168 | DIBt 2169 | DIBt 2170 | DIBt 2171 | DIBt 2172 | DIBt 2173 | DIBt 2174 | DIBt 2175 | DIBt 2176 | DIBt 2177 | DIBt 2178 | DIBt 2179 | DIBt 2180 | DIBt 2181 | DIBt 2182 | DIBt 2183 | DIBt 2184 | DIBt 2185 | DIBt 2186 | DIBt 2187 | DIBt 2188 | DIBt 2189 | DIBt 2190 | DIBt 2191 | DIBt 2192 | DIBt 2193 | DIBt 2194 | DIBt 2195 | DIBt 2196 | DIBt 2197 | DIBt 2198 | DIBt 2199 | DIBt 2200 | DIBt 2201 | DIBt 2202 | DIBt 2203 | DIBt 2204 | DIBt 2205 | DIBt 2206 | DIBt 2207 | DIBt 2208 | DIBt 2209 | DIBt 2210 | DIBt 2211 | DIBt 2212 | DIBt 2213 | DIBt 2214 | DIBt 2215 | DIBt 2216 | DIBt 2217 | DIBt 2218 | DIBt 2219 | DIBt 2220 | DIBt 2221 | DIBt 2222 | DIBt 2223 | DIBt 2224 | DIBt 2225 | DIBt 2226 | DIBt 2227 | DIBt 2228 | DIBt 2229 | DIBt 2230 | DIBt 2231 | DIBt 2232 | DIBt 2233 | DIBt 22

INTERNAL PEDESTRIAN DOORS

Classification report No. IFT 16-000122-PR03

Test report No. IFT 12-001195-PR01



	FM L x H	standard frame block frame in the reveal applic. embracing frame	Combo Thermo/GS - Combo Thermo/GSV Combo dB Sa - Combo dB Sa/v with rebate sealing CR and automatic door sweep				Combo Thermo - Combo Sa with rebate sealing CR		
			smoke control according to UNI EN 1634-3	air permeability according to UNI EN 1026:2001	thermal transmittance according to UNI EN 10077-1:2018 UNI EN 10077-2:2018	acoustic performance according to UNI EN ISO 140-3	smoke control according to UNI EN 1634-3	air permeability according to UNI EN 1026:2001	thermal transmittance according to UNI EN 10077-1:2018 UNI EN 10077-2:2018
	≤ 3,6 m ²	✓	S200	classe 2	1,3 W/m ² K	Sa	-	1,3 W/m ² K	
	≤ 3,6 m ²	✓	S200	classe 2	1,7 W/m ² K	Sa	-	1,7 W/m ² K	
	≤ 3,6 m ²	✓	S200	classe 2		Sa	-	-	
	800 - 1100 x 2000 - 2250	✓ ✓ ✓				Rw = 33 dB			
	1101 - 1340 x 2000 - 2250	✓ ✓ ✓				Rw = 32 dB			
	800 - 1340 x 2251 - 2670	✓ ✓ ✓				Rw = 32 dB			
	≤ 3,6 m ²	✓	S200	classe 2	1,5 W/m ² K	Sa	-	1,4 W/m ² K	
	≤ 3,6 m ²	✓	S200	classe 2	1,9 W/m ² K	Sa	-	1,9 W/m ² K	
	≤ 3,6 m ²	✓	S200	classe 2		Sa	-	-	
	800 - 1100 x 2000 - 2250	✓ ✓ ✓				Rw = 32 dB			
	1101 - 1340 x 2000 - 2250	✓ ✓ ✓				Rw = 31 dB			
	800 - 1340 x 2251 - 2670	✓ ✓ ✓				Rw = 31 dB			
	≤ 3,6 m ²	✓	S200	classe 3	1,7 W/m ² K	Sa	-	1,7 W/m ² K	
	> 3,6 m ²	✓	S200	classe 3	1,4 W/m ² K	Sa	-	1,4 W/m ² K	
	≤ 3,6 m ²	✓	S200	classe 3	1,9 W/m ² K	Sa	-	1,9 W/m ² K	
	> 3,6 m ²	✓	S200	classe 3	1,5 W/m ² K	Sa	-	1,5 W/m ² K	
	≤ 3,6 m ²	✓	S200	classe 3		Sa	-	-	
	> 3,6 m ²	✓	S200	classe 3		Sa	-	-	
	(L1 or L2) 500 - 799 x 2000 - 2670	✓ ✓ ✓				Rw = 30 dB			
	(L1 or L2) 800 - 1100 x 2000 - 2250	✓ ✓ ✓				Rw = 33 dB			
	(L1 or L2) 1101 - 1330 x 2000 - 2250	✓ ✓ ✓				Rw = 32 dB			
	(L1 or L2) 800 - 1330 x 2251 - 2670	✓ ✓ ✓				Rw = 32 dB			
	≤ 3,6 m ²	✓	S200	classe 3	2,1 W/m ² K	Sa	-	2,1 W/m ² K	
	> 3,6 m ²	✓	S200	classe 3	1,9 W/m ² K	Sa	-	1,9 W/m ² K	
	≤ 3,6 m ²	✓	S200	classe 3	2,3 W/m ² K	Sa	-	2,3 W/m ² K	
	> 3,6 m ²	✓	S200	classe 3	2,0 W/m ² K	Sa	-	2,0 W/m ² K	
	≤ 3,6 m ²	✓	S200	classe 3		Sa	-	-	
	> 3,6 m ²	✓	S200	classe 3		Sa	-	-	
	(L1 or L2) 500 - 799 x 2000 - 2670	✓ ✓ ✓				Rw = 29 dB			
	(L1 or L2) 800 - 1100 x 2000 - 2250	✓ ✓ ✓				Rw = 32 dB			
	(L1 or L2) 1101 - 1330 x 2000 - 2250	✓ ✓ ✓				Rw = 31 dB			
	(L1 or L2) 800 - 1330 x 2251 - 2670	✓ ✓ ✓				Rw = 31 dB			

ATTENTION: air permeability and thermal transmittance performances are the same for Combo GS and GSV, Combo S200, S200V, db and dB/V

NOTE

These additional performances are not available for multipurpose doors type PROGET with: OVERHEAD PANEL, all types of areation louvers, roller lock with G1X handle

Door cross sections - Measurements

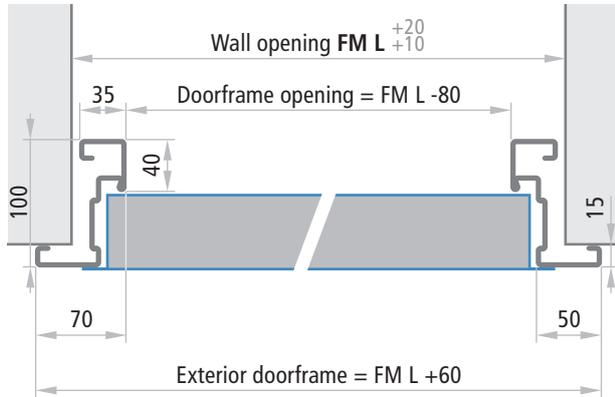
PROGET multipurpose doors



PROGET
multipurpose

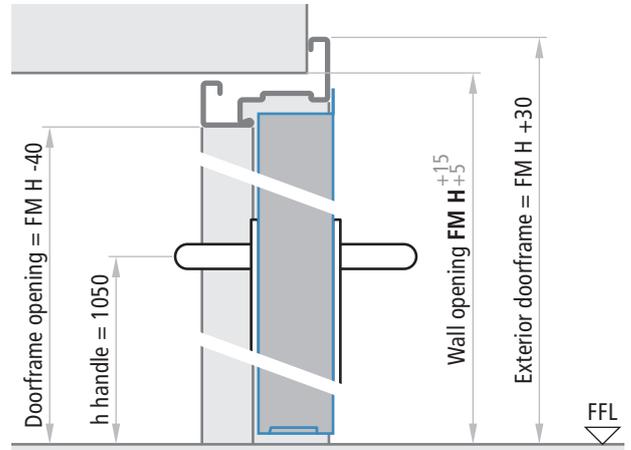
One-leaved doors

Horizontal cross section



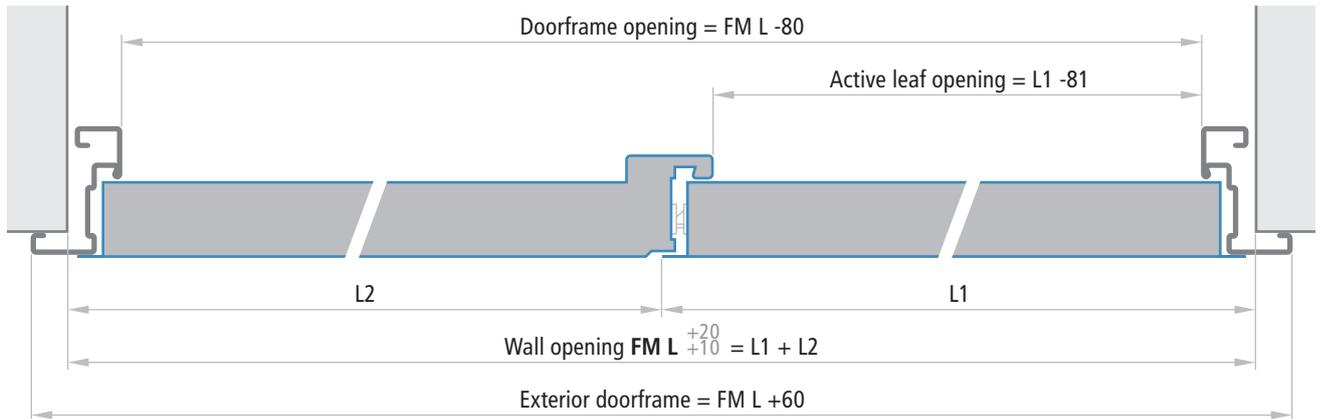
Doors without lower threshold

Vertical cross section



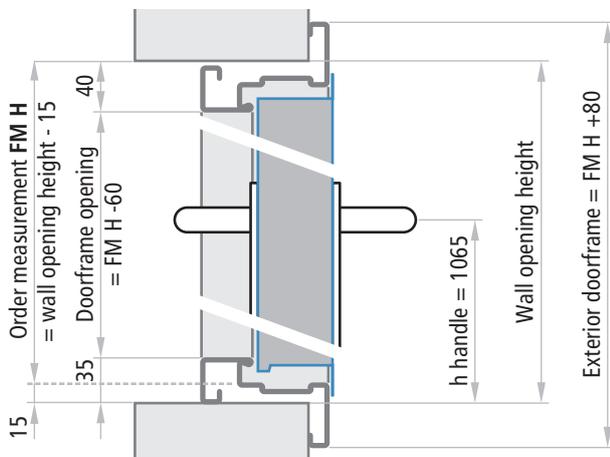
Two-leaved doors

Horizontal cross section



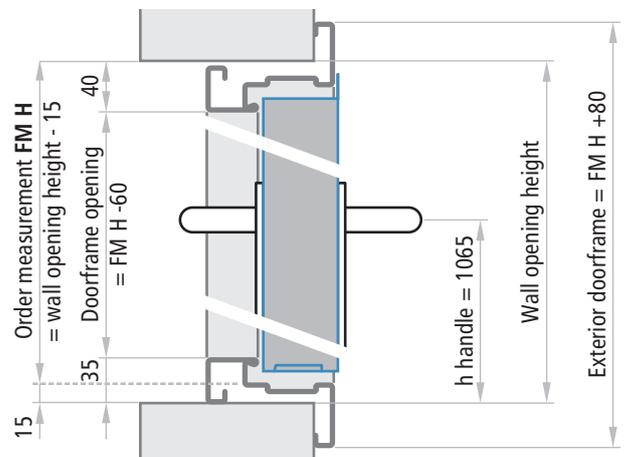
One-leaved doors with frame on 4 sides and leaf with lower rebate

Vertical cross section



One-leaved doors with frame on 4 sides and leaf without lower rebate

Vertical cross section



Leaves thickness

MULTIPURPOSE 60 mm

NOTE

The tolerances $FM L +20$, $FM H +15$ of the indicated measurements make it easier to fill the gap between the wall and the doorframe with cement mortar.

For dry wall installation, the holes must be precise and greater tolerance ranges should not be employed.

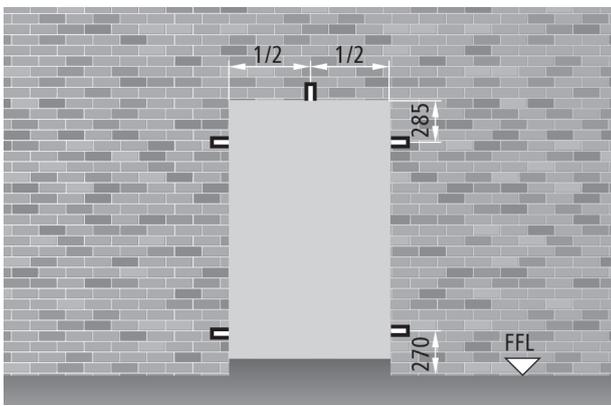
INSTALLATION WITH ANCHORS FOR MORTAR FIXING

Standard installation method for Proget doors is with anchors for mortar fixing. Appropriate cuts for the anchors will need to be created in the walls (section 80 x 200 mm) or fixed with plugs. For fixing with screws the anchors should be used as spacers and fixed with expansion screws. For a perfect mechanical fit, the space between the doorframe and the masonry shall always be filled with concrete mortar or polyurethane foam; the filling with polyurethane foam is mandatory in case of external use with $\text{C}\epsilon$ marking.

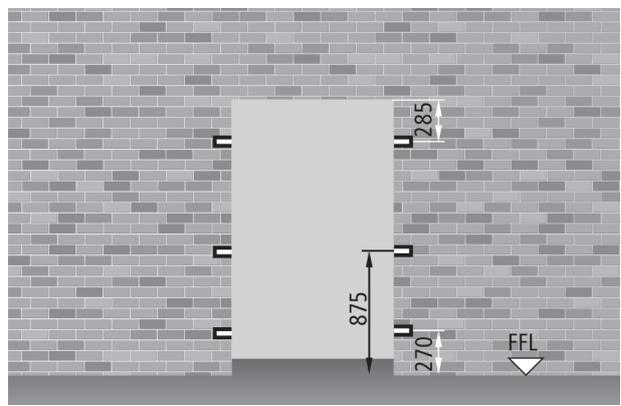


One-leaved doors

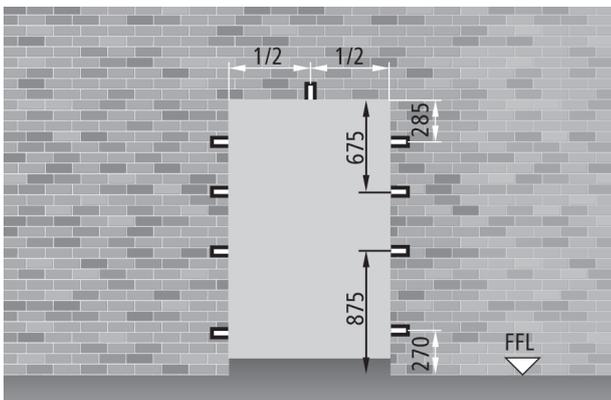
FM L = from 500 to 1340 x FM H = from 800 to 1749



FM L = from 500 to 1035 x FM H = from 1750 to 2200



FM L greater than 1036 and/or FM H greater than 2200



NOTE

For proper installation, the cuts for the anchors should be 80 x 200 mm in size.

Installation methods

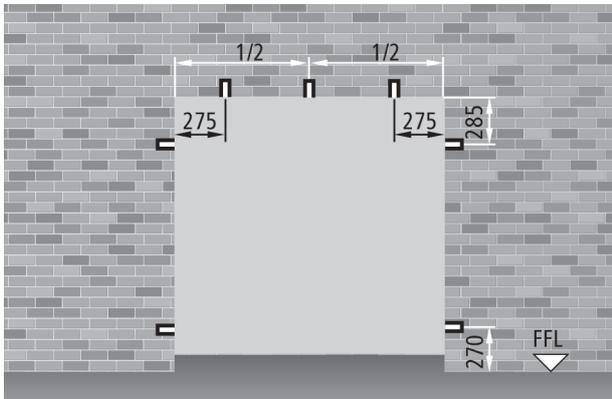
PROGET multipurpose doors



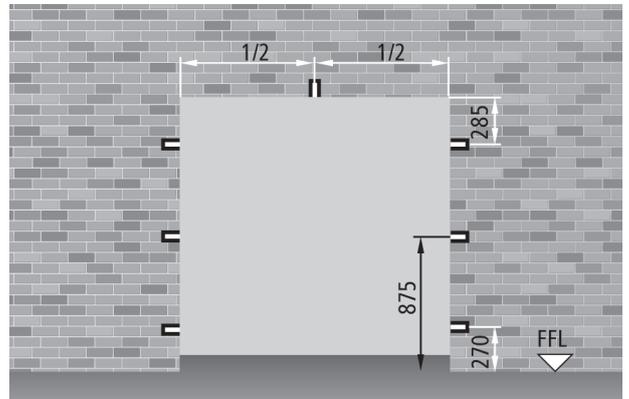
PROGET multipurpose

Two-leaved doors

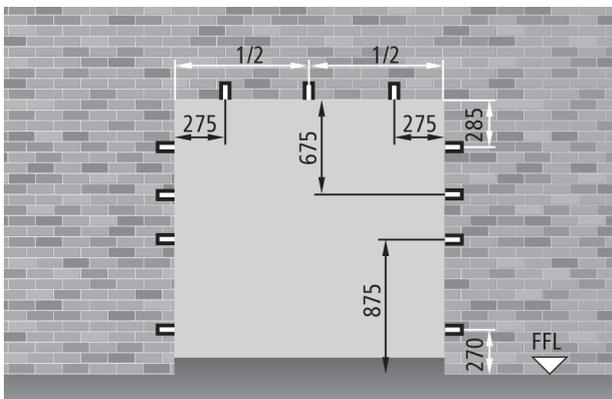
FM L = from 850 to 2660 x FM H = from 800 to 1749



FM L = from 850 to 2070 x FM H = from 1750 to 2200



FM L greater than 2070 and/or FM H greater than 2200



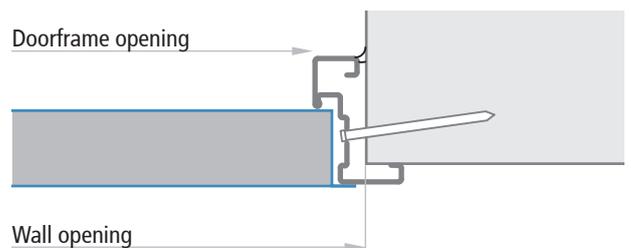
INSTALLATION FOR EXPANSION SCREWS FIXING

Upon request, the Proget doors can be supplied with pre-drilled holes for the installation with expansion/wall screws. In this case, the doorframe will be supplied without anchors. For a perfect mechanical fit, the space between the doorframe and the masonry shall always be filled with concrete mortar or polyurethane foam; the filling with polyurethane foam is mandatory in case of external use with $\text{C}\epsilon$ marking.



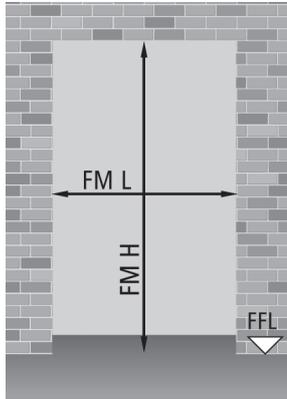
WALL SCREWS

For direct wall installations or installation onto subframes, special expansion screws should be used without plugs. Please see the "door accessories" pages for more details.

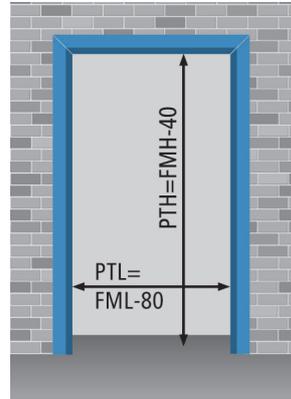


ORDER MEASUREMENTS

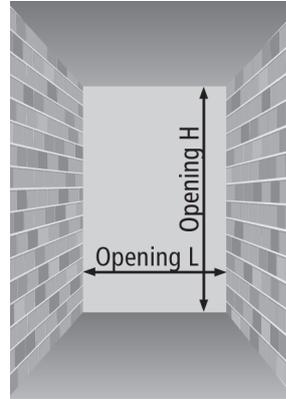
Wall Opening



Doorframe opening



In the reveal application opening



One-leaved doors
 Opening L = FM L + 70
 Opening H = FM H + 35

Two-leaved doors
 Opening L = FM L + 70
 Opening H = FM H + 35

NOTE

The wall openings to be created for in the reveal application, do not correspond to the order measurement and therefore should follow the above specifications.

One-leaved door FM L x FM H

PT L x PT H (doorframe opening)

standard dimensions			frame on 3 sides			frame on 4 sides		
800	x	2000 / 2050 / 2100 / 2150 / 2200	720	x	1960 / 2010 / 2060 / 2110 / 2160	720	x	1940 / 1990 / 2040 / 2090 / 2140
900	x	2000 / 2050 / 2100 / 2150 / 2200	820	x	1960 / 2010 / 2060 / 2110 / 2160	820	x	1940 / 1990 / 2040 / 2090 / 2140
1000	x	2000 / 2050 / 2100 / 2150 / 2200	920	x	1960 / 2010 / 2060 / 2110 / 2160	920	x	1940 / 1990 / 2040 / 2090 / 2140
1100	x	2050 / 2100 / 2150 / 2200	1020	x	2010 / 2060 / 2110 / 2160	1020	x	1990 / 2040 / 2090 / 2140
1200	x	2050 / 2100 / 2150 / 2200	1120	x	2010 / 2060 / 2110 / 2160	1120	x	1940 / 1990 / 2040 / 2090 / 2140
1300	x	2000 / 2050 / 2100 / 2150 / 2200	1220	x	1960 / 2010 / 2060 / 2110 / 2160	1220	x	1990 / 2040 / 2090 / 2140
1340	x	2050 / 2100 / 2150 / 2200	1260	x	2010 / 2060 / 2110 / 2160	1260	x	1990 / 2040 / 2090 / 2140

semi-standard dimensions

from 500 to	995	x	2000 / 2050 / 2150	from 420 to	915	x	1960 / 2010 / 2110	from 420 to	1940 / 1990 / 2090
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non-standard dimensions

from 500 to	1340	x	from 1750 to 2670	from 420 to	1260	x	1710 / 2630	from 420 to	1690 / 2610
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Order measurements - Handle height

PROGET multipurpose doors



PROGET multipurpose

Two-leaved doors FM L (L1+L2) x FM H

PT L x PT H

standard dimensions

standard dimensions			doorframe opening			
1150	(800 + 350)	x	2000 / 2050 / 2100 / 2150 / 2200	1070	x	1960 / 2010 / 2060 / 2110 / 2160
1200	(800 + 400)	x	2000 / 2050 / 2100 / 2150 / 2200	1120	x	1960 / 2010 / 2060 / 2110 / 2160
1250	(800 + 450)	x	2000 / 2050 / 2100 / 2150 / 2200	1170	x	1960 / 2010 / 2060 / 2110 / 2160
1250	(900 + 350)	x	2000 / 2050 / 2100 / 2150 / 2200	1170	x	1960 / 2010 / 2060 / 2110 / 2160
1300	(900 + 400)	x	2000 / 2050 / 2100 / 2150 / 2200	1220	x	1960 / 2010 / 2060 / 2110 / 2160
1350	(900 + 450)	x	2000 / 2050 / 2100 / 2150 / 2200	1270	x	1960 / 2010 / 2060 / 2110 / 2160
1350	(1000 + 350)	x	2000 / 2050 / 2100 / 2150 / 2200	1270	x	1960 / 2010 / 2060 / 2110 / 2160
1400	(1000 + 400)	x	2000 / 2050 / 2100 / 2150 / 2200	1320	x	1960 / 2010 / 2060 / 2110 / 2160
1450	(1000 + 450)	x	2000 / 2050 / 2100 / 2150 / 2200	1370	x	1960 / 2010 / 2060 / 2110 / 2160
1600	(800 + 800)	x	2000 / 2050 / 2100 / 2150 / 2200	1520	x	1960 / 2010 / 2060 / 2110 / 2160
1700	(900 + 800)	x	2000 / 2050 / 2100 / 2150 / 2200	1620	x	1960 / 2010 / 2060 / 2110 / 2160
1800	(900 + 900)	x	2000 / 2050 / 2100 / 2150 / 2200	1720	x	1960 / 2010 / 2060 / 2110 / 2160
1800	(1000 + 800)	x	2000 / 2050 / 2100 / 2150 / 2200	1720	x	1960 / 2010 / 2060 / 2110 / 2160
1900	(1000 + 900)	x	2000 / 2050 / 2100 / 2150 / 2200	1820	x	1960 / 2010 / 2060 / 2110 / 2160
2000	(1000 + 1000)	x	2000 / 2050 / 2100 / 2150 / 2200	1920	x	1960 / 2010 / 2060 / 2110 / 2160

semi-standard dimensions

from 850 (500 + 350) to 2000 (1000 + 1000) x 2000 / 2050 / 2150	from 810 to 1920	x	1960 / 2010 / 2110
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non-standard dimensions

from 850 (500 + 350) to 2660 (1330 + 1330) x from 1750 to 2670	from 770 to 2580	x	from 1710 to 2630
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NOTE

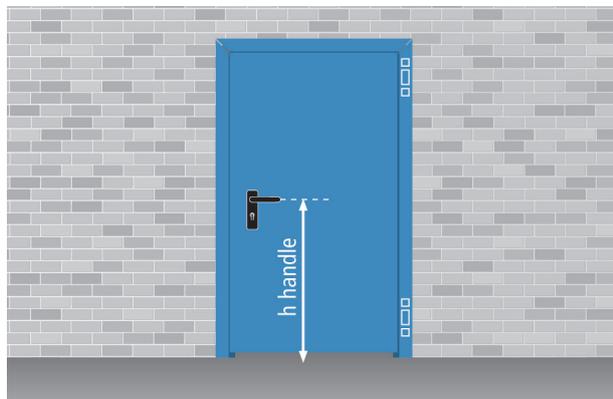
Doors leaves that are wider than they are tall are not permitted.

HANDLE HEIGHT

One-leaved door

h = 1050 (FM H ≥ 1750)

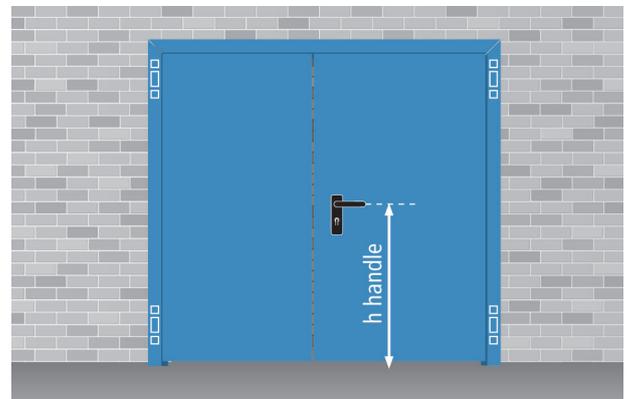
Different heights available upon request only



Two-leaved door

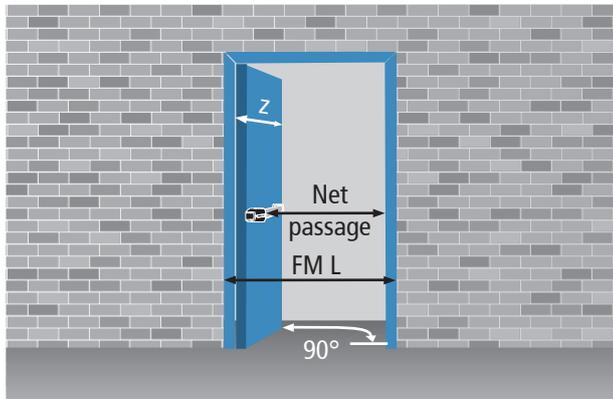
h = 1050 (FM H ≥ 1750)

Different heights available upon request only

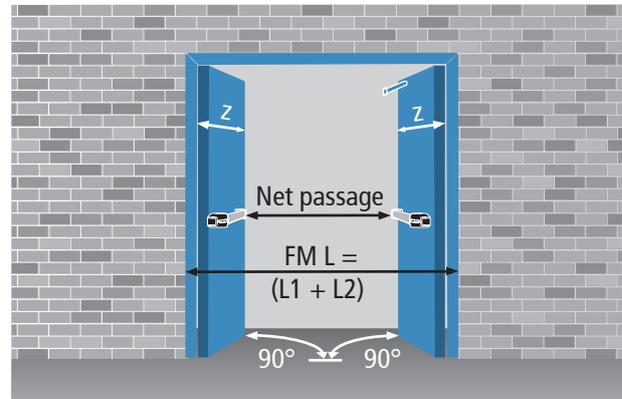


OPENING MEASUREMENTS AND OVERALL DIMENSIONS WITH 90 DEGREE OPENING

One-leaved doors with panic bar



Two-leaved doors with panic bars



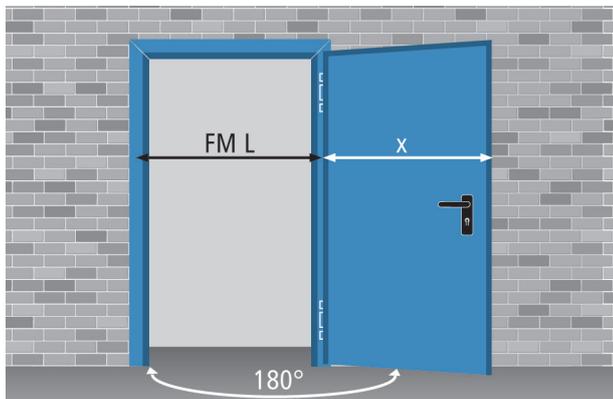
Net passage calculation

panic bar type	protrusion	one-leaved door	two-leaved door
EXUS	125	FM L - 245	FM L - 410
TWIST	100	FM L - 220	FM L - 360
SLASH	75	FM L - 195	FM L - 310
FAST TOUCH	75	FM L - 195	FM L - 310
without panic bar	-	FM L - 120	FML - 160
z = leaf protrusion relative to the wall		FM L + 27	L1 + 35, L2 + 75

OVERALL DIMENSIONS WITH 180 DEGREE OPENING

One-leaved door

$$x = FM L - 7$$



Two-leaved door

$$x = L1 + 1 \quad y = L2 + 42 \quad b = 130$$

